Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
Data File : BN016927.D
Acq On : 13 Oct 2021 09:48
Operator : CG/JU
Sample : PB139783BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139783BSD

Quant Time: Oct 13 10:54:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 02:19:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.679	152	24041	0.400	ng		0.00
7) Naphthalene-d8	10.445	136	106531	0.400	ng		#-0.01
13) Acenaphthene-d10	14.294	164	55662	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	107337	0.400	ng		#-0.01
29) Chrysene-d12	21.227	240	110427	0.400	ng		0.00
35) Perylene-d12	23.474	264	113392	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	22824	0.418	ng		0.00
5) Phenol-d6	6.868	99	25209	0.415	ng		0.00
8) Nitrobenzene-d5	8.822	82	26344	0.389	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	59288	0.398	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	9231	0.366	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	83940	0.398	ng		0.00
27) Fluoranthene-d10	19.068	212	108524	0.403	ng		0.00
31) Terphenyl-d14	19.678	244	94047	0.388	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.272	88	6080	0.379	ng		95
3) n-Nitrosodimethylamine	3.604	42	7767	0.421	ng		98
6) bis(2-Chloroethyl)ether	7.126	93	26970	0.414	ng		99
9) Naphthalene	10.495	128	109323	0.395	ng		99
10) Hexachlorobutadiene	10.787	225	21533	0.393	ng	#	100
12) 2-Methylnaphthalene	12.109	142	70841	0.403	ng		99
16) Acenaphthylene	14.015	152	89135	0.395	ng		100
17) Acenaphthene	14.357	154	61449	0.397	ng		98
18) Fluorene	15.347	166	73872	0.401	ng		100
20) 4,6-Dinitro-2-methylph...	15.436	198	2678	0.312	ng		99
21) 4-Bromophenyl-phenylether	16.239	248	23973	0.381	ng	#	92
22) Hexachlorobenzene	16.348	284	28040	0.385	ng		100
23) Atrazine	16.519	200	16490	0.398	ng		98
24) Pentachlorophenol	16.689	266	8111	0.422	ng		99
25) Phenanthrene	17.078	178	119464	0.391	ng		100
26) Anthracene	17.164	178	104620	0.401	ng		100
28) Fluoranthene	19.098	202	136703	0.414	ng		100
30) Pyrene	19.460	202	137755	0.392	ng		100
32) Benzo(a)anthracene	21.217	228	139597	0.420	ng		99
33) Chrysene	21.259	228	143736	0.400	ng		97
34) Bis(2-ethylhexyl)phtha...	21.164	149	479981	2.457	ng		99
36) Indeno(1,2,3-cd)pyrene	25.744	276	162483	0.379	ng		100
37) Benzo(b)fluoranthene	22.796	252	148814	0.410	ng		100
38) Benzo(k)fluoranthene	22.841	252	147746	0.410	ng		100
39) Benzo(a)pyrene	23.371	252	134989	0.407	ng		99
40) Dibenzo(a,h)anthracene	25.764	278	134771	0.387	ng		100
41) Benzo(g,h,i)perylene	26.435	276	132214	0.355	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 13 Oct 2021 09:48
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Sample : PB139783BSD
Misc :
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Instrument :
BNA_N
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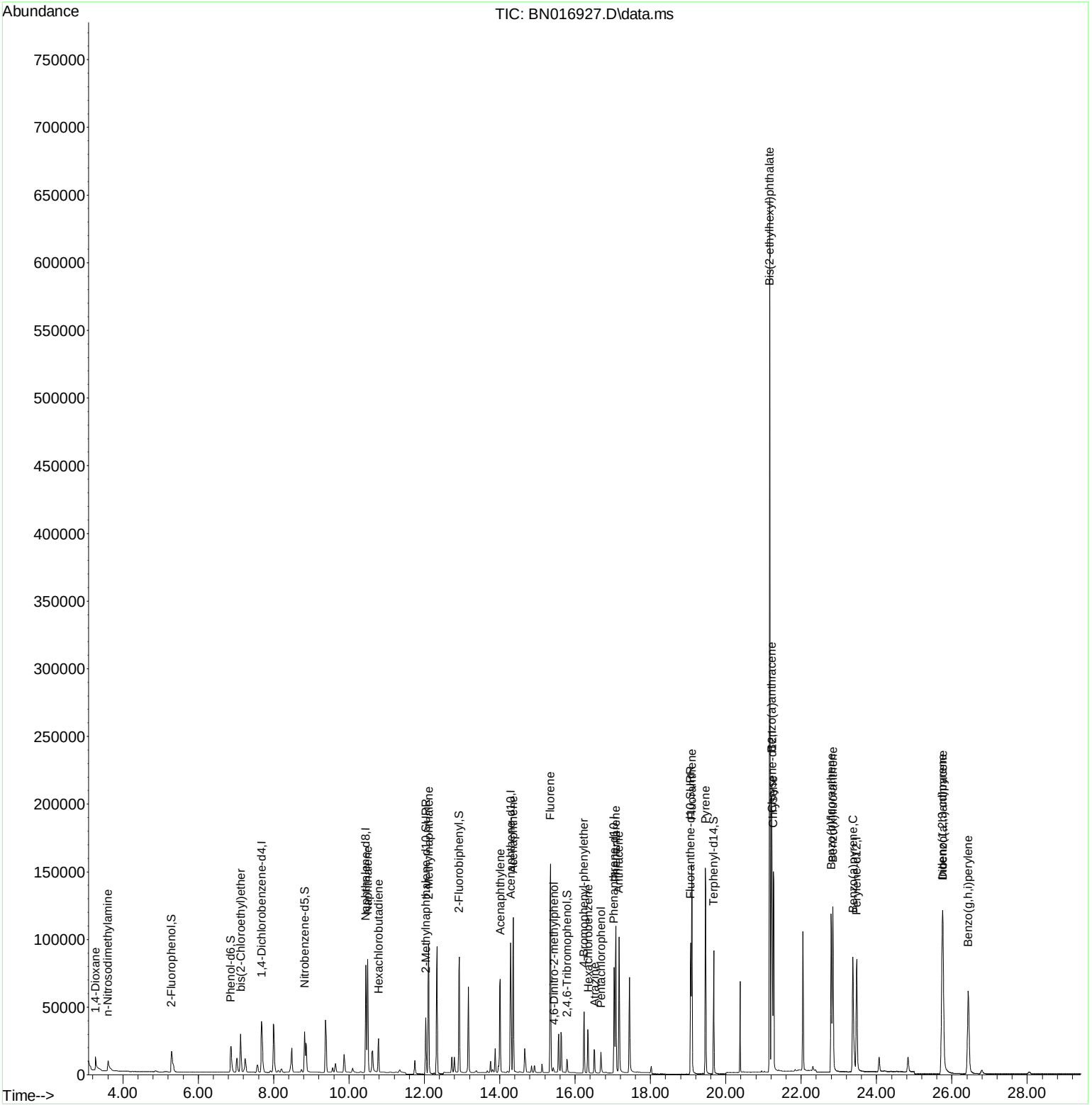
Quant Time: Oct 13 10:54:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 02:19:57 2021
Response via : Initial Calibration



Instrument :
BNA_N
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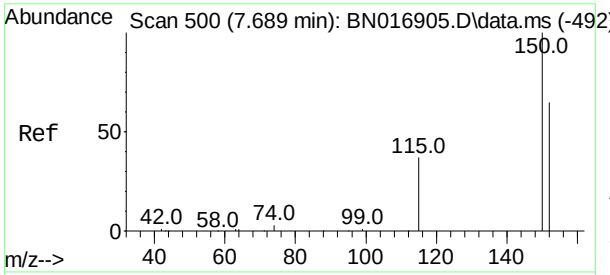
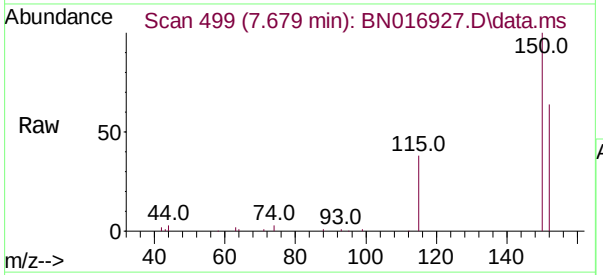
PB139783BSD

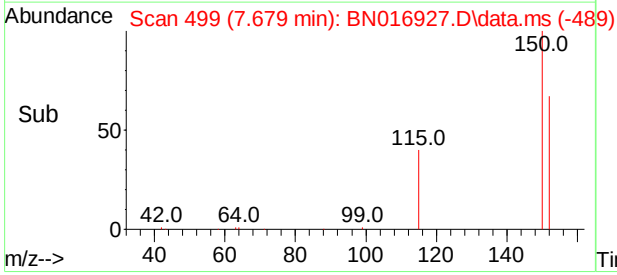


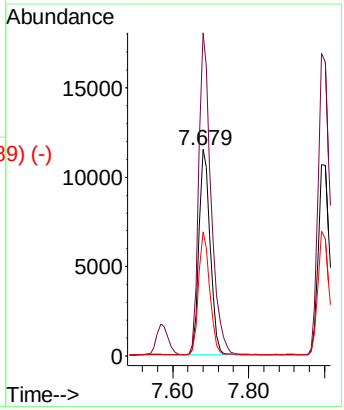
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.679 min Scan# 499
Delta R.T. -0.010 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

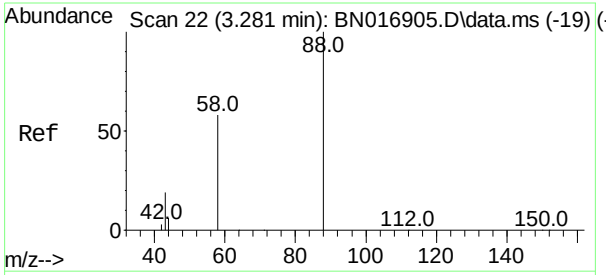
Tgt Ion:152 Resp: 24041

Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.6	183.8
115	59.9	46.1	69.1





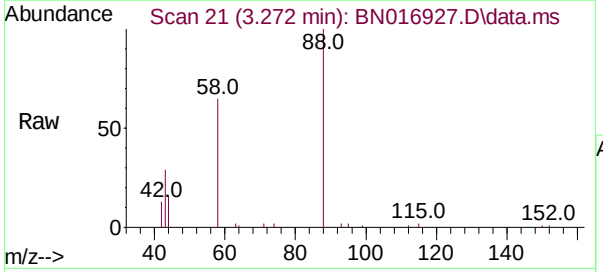


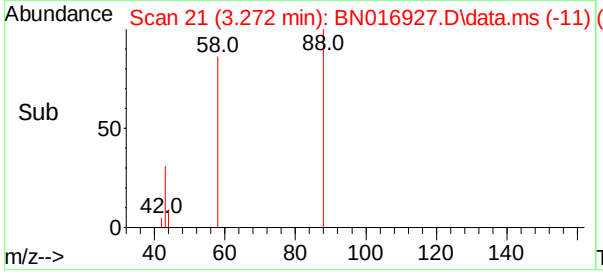


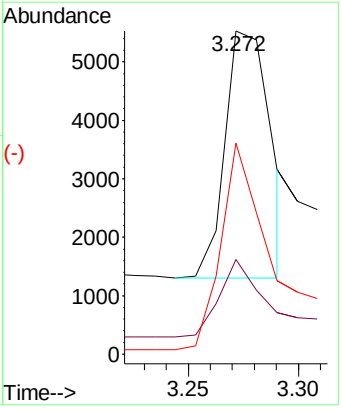
#2
1,4-Dioxane
Concen: 0.379 ng
RT: 3.272 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion: 88 Resp: 6080

Ion	Ratio	Lower	Upper
88	100		
43	28.7	24.3	36.5
58	76.5	65.2	97.8







Instrument :
BNA_N
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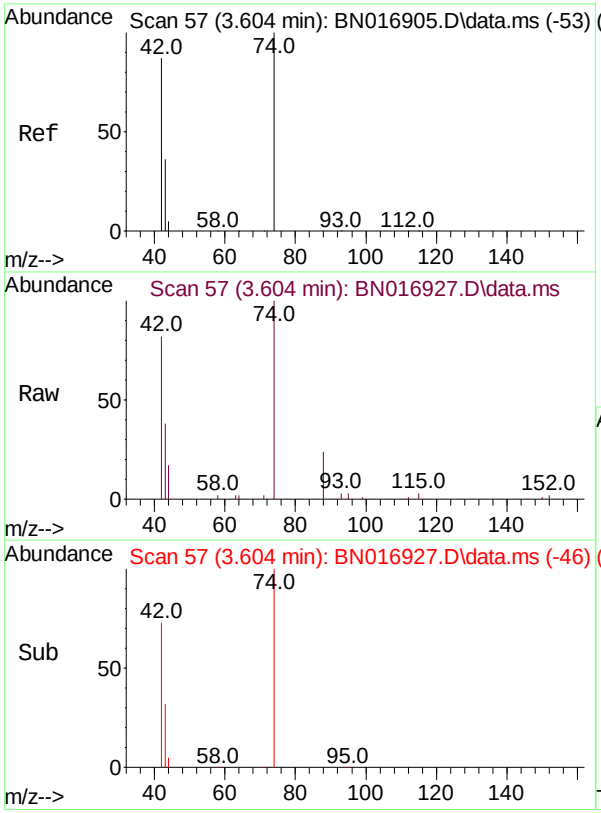
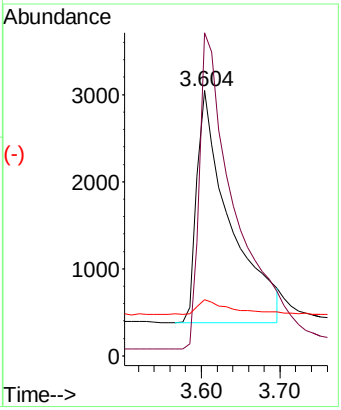
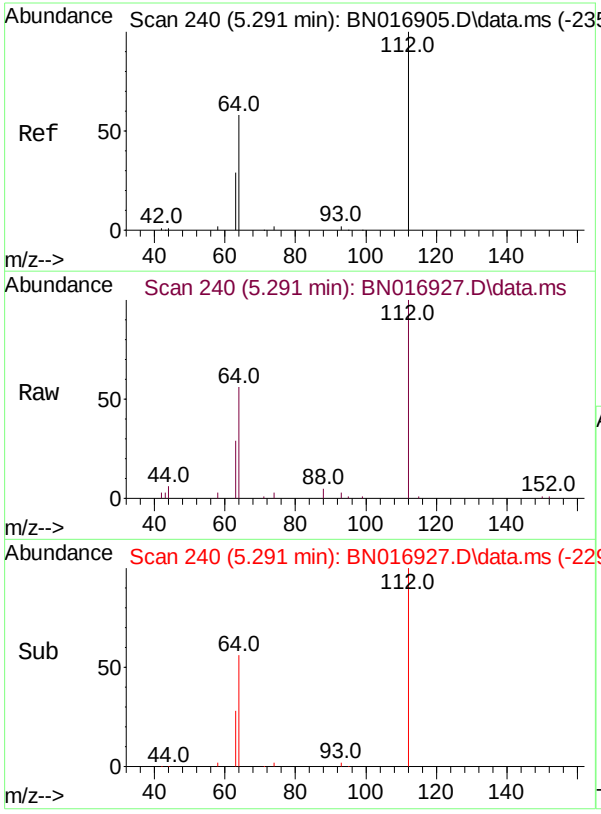


#3
n-Nitrosodimethylamine
Concen: 0.421 ng
RT: 3.604 min Scan# 57
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion: 42 Resp: 7767

Ion	Ratio	Lower	Upper
42	100		
74	145.4	114.4	171.6
44	6.4	5.7	8.5

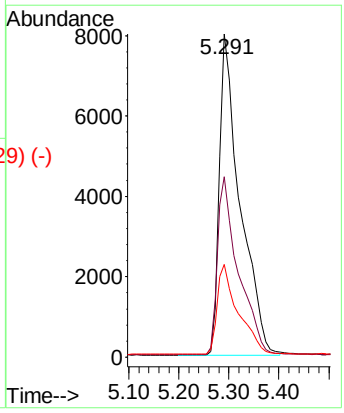




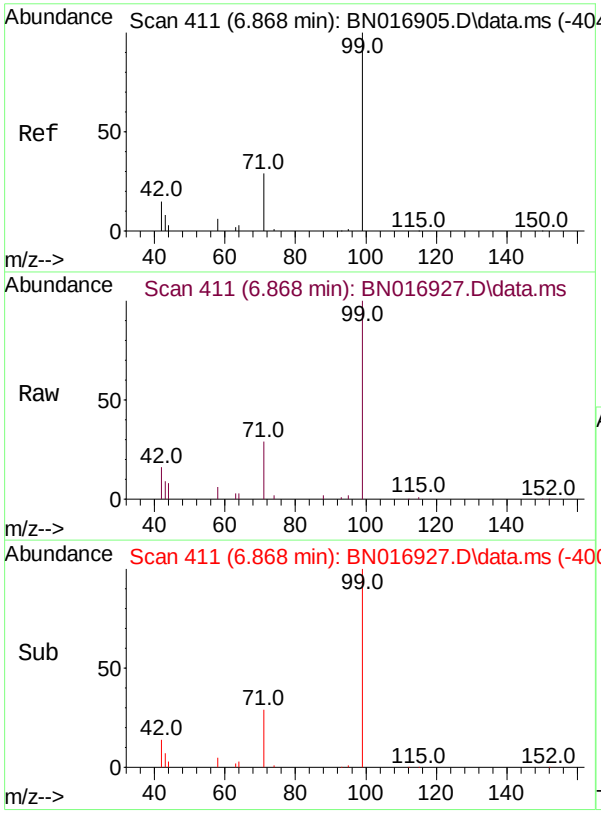
#4
2-Fluorophenol
Concen: 0.418 ng
RT: 5.291 min Scan# 240
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:112 Resp: 22824

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.0	67.4
63	28.4	22.6	33.8



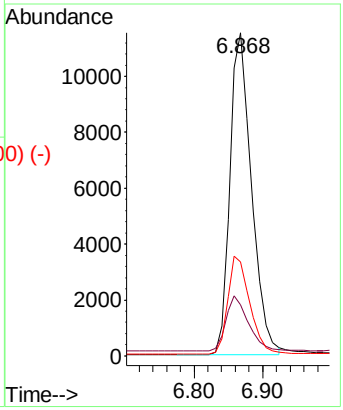
Instrument :
BNA_N
ClientSampleId :
PB139783BSD

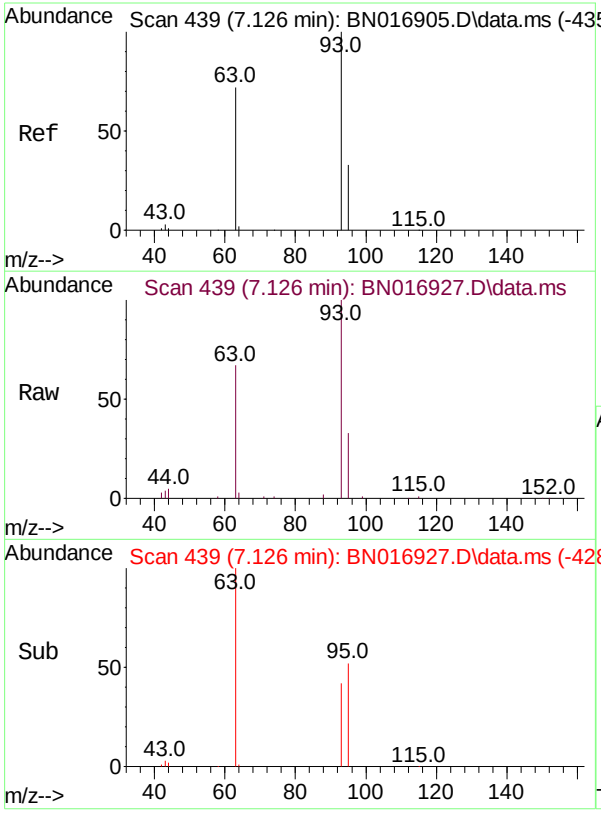


#5
Phenol-d6
Concen: 0.415 ng
RT: 6.868 min Scan# 411
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion: 99 Resp: 25209

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.2	21.4
71	30.9	24.5	36.7

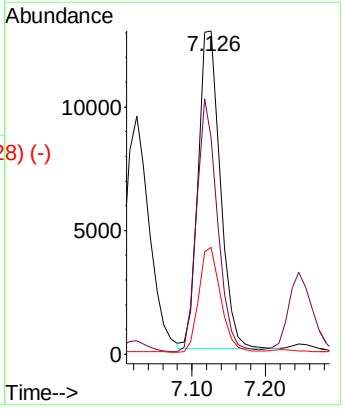




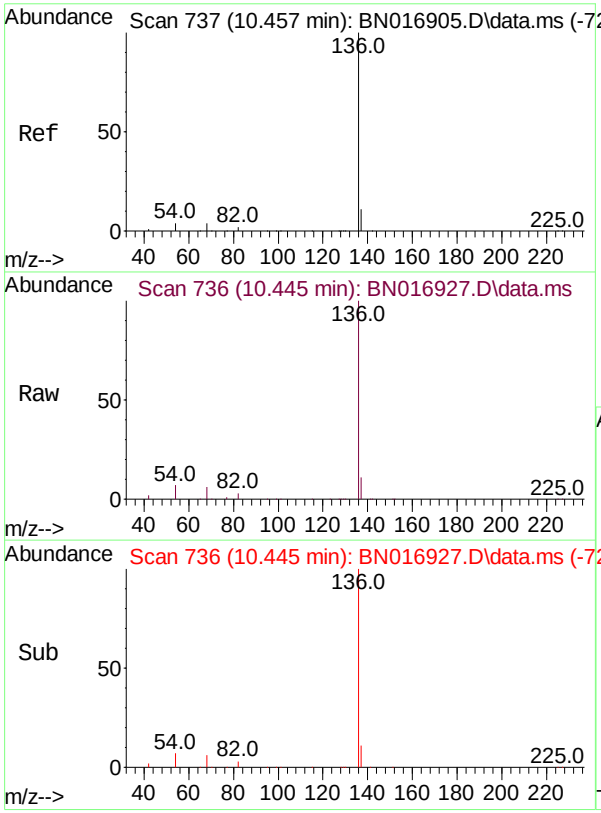
#6
bis(2-Chloroethyl)ether
Concen: 0.414 ng
RT: 7.126 min Scan# 439
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion: 93 Resp: 26970

Ion	Ratio	Lower	Upper
93	100		
63	74.3	60.3	90.5
95	32.6	26.2	39.4



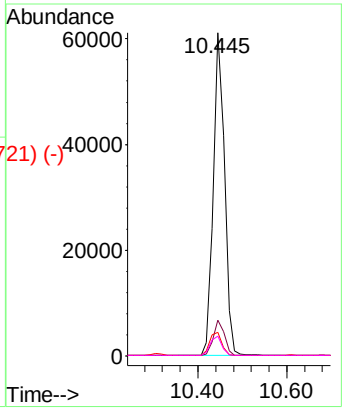
Instrument :
BNA_N
ClientSampleId :
PB139783BSD

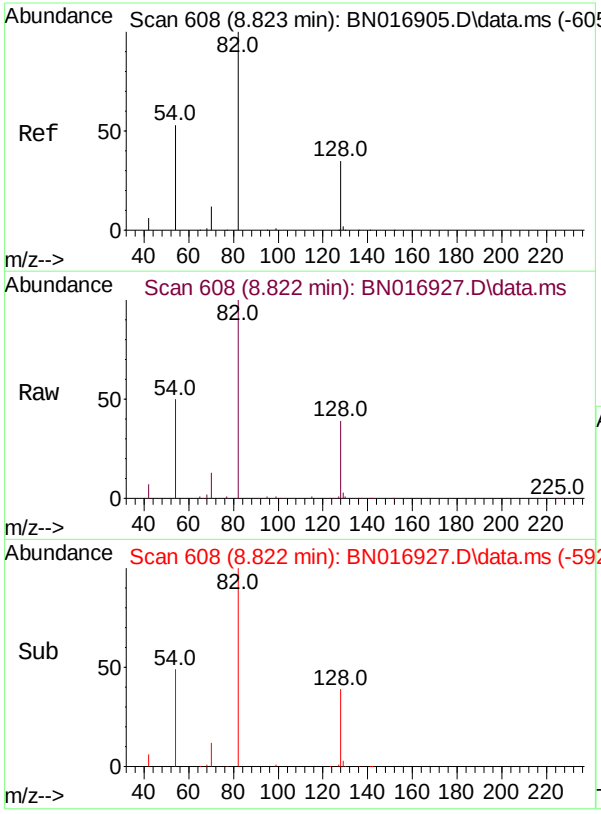


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:136 Resp: 106531

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.3	3.7	5.5#
68	6.0	3.2	4.8#

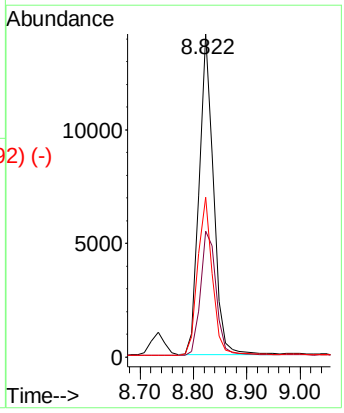




#8
Nitrobenzene-d5
Concen: 0.389 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion: 82 Resp: 26344

Ion	Ratio	Lower	Upper
82	100		
128	39.1	28.3	42.5
54	49.5	43.0	64.4



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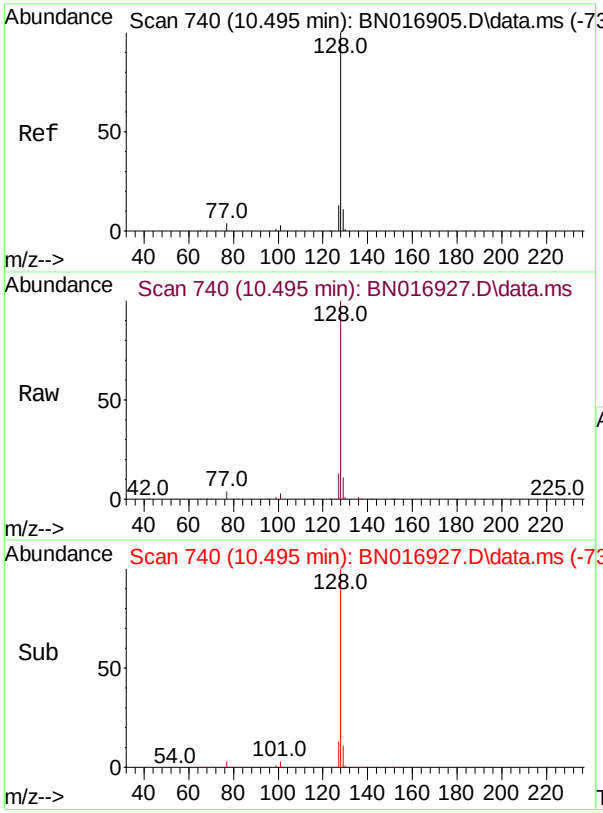
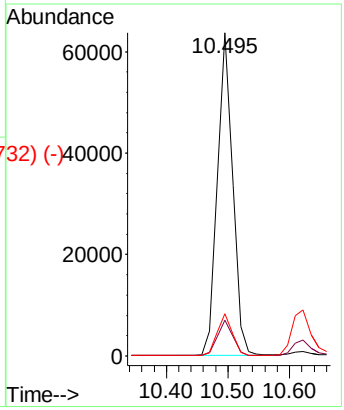
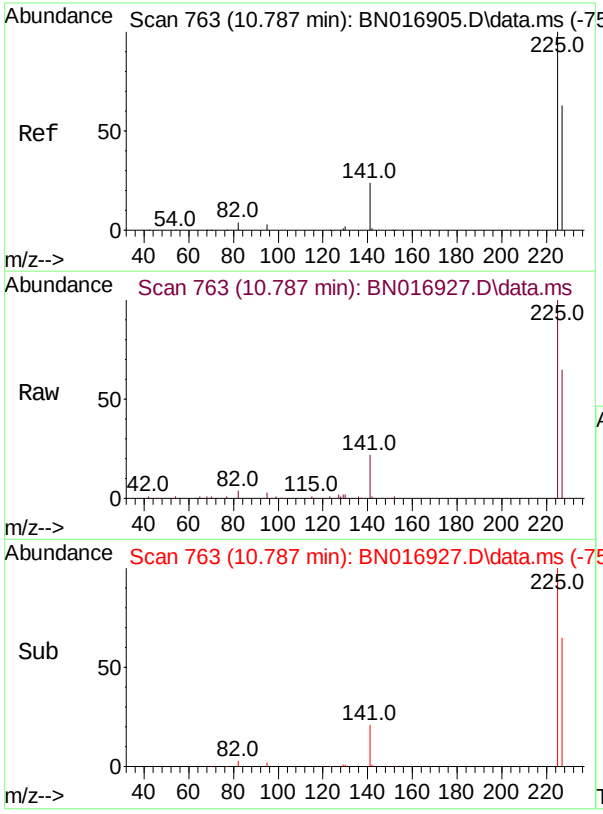


#9
Naphthalene
Concen: 0.395 ng
RT: 10.495 min Scan# 740
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:128 Resp: 109323

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.6	16.0

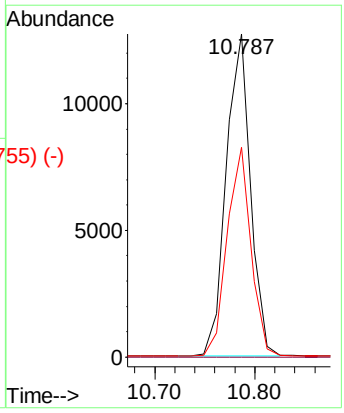




#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 10.787 min Scan# 763
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:225 Resp: 21533

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.1	76.7



Instrument :
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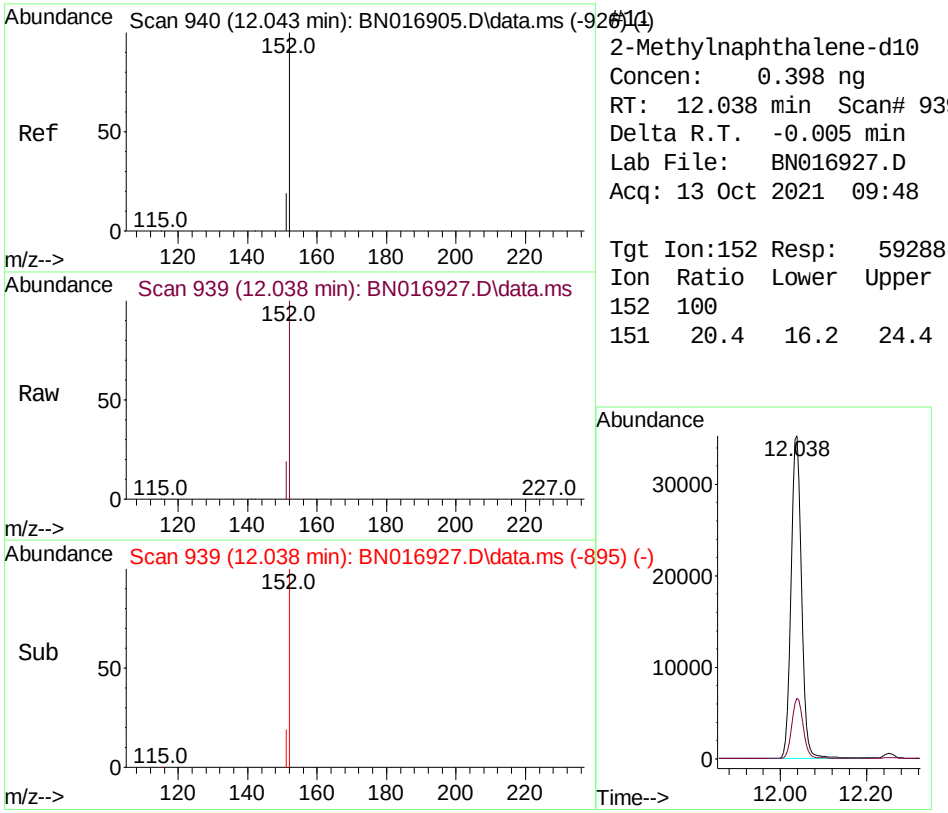
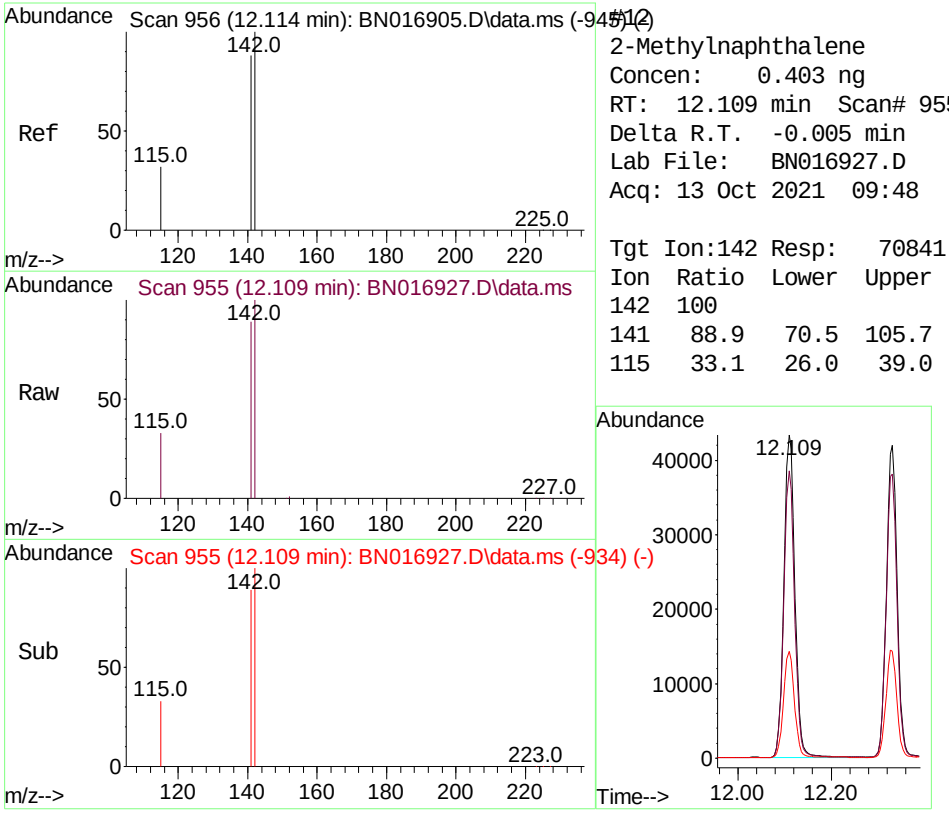


#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:152 Resp: 59288

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4



#12
2-Methylnaphthalene
Concen: 0.403 ng
RT: 12.109 min Scan# 955
Delta R.T. -0.005 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:142 Resp: 70841

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.5	105.7
115	33.1	26.0	39.0

Instrument :
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ClientSampleId :
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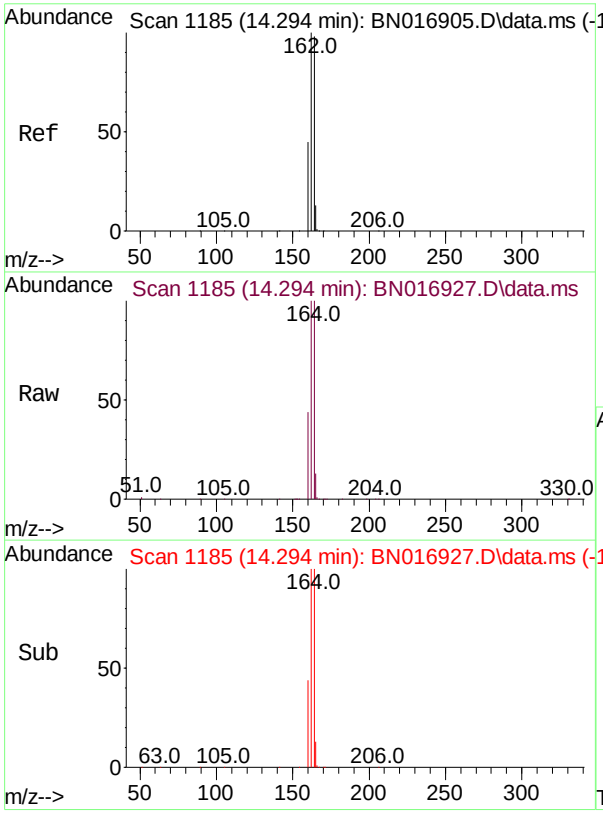
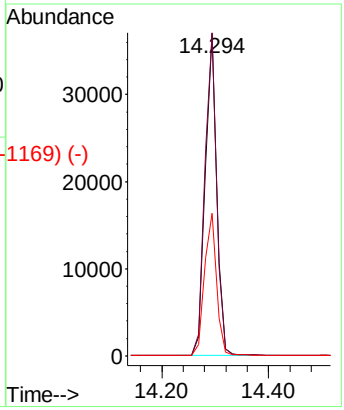
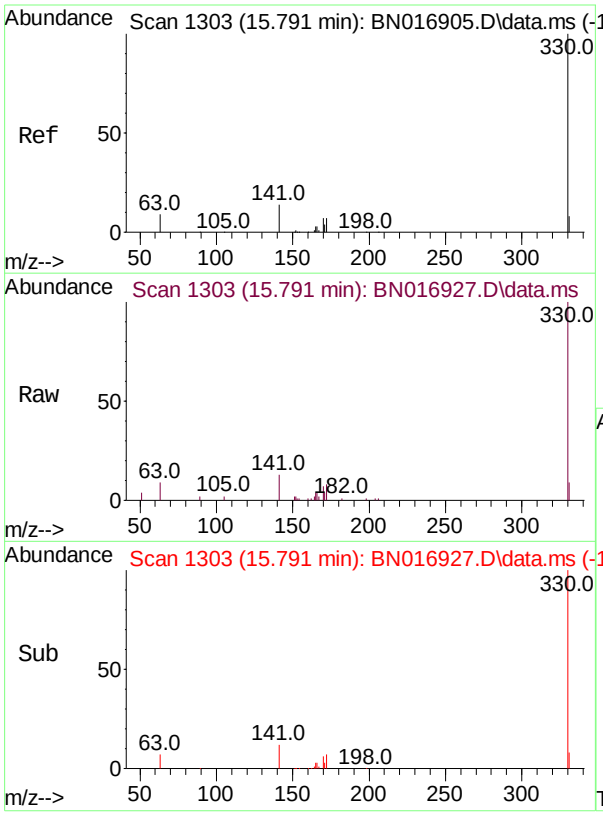


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:164 Resp: 55662

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.4	122.0
160	44.2	37.0	55.4

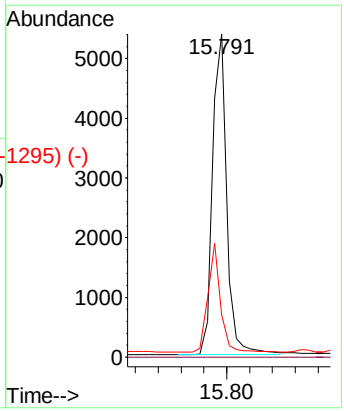




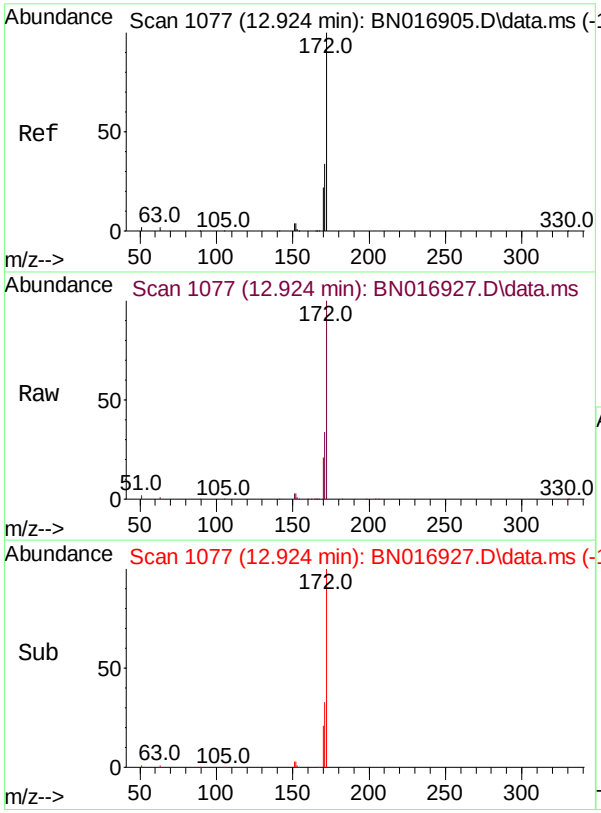
#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:330 Resp: 9231

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.3	24.4	36.6



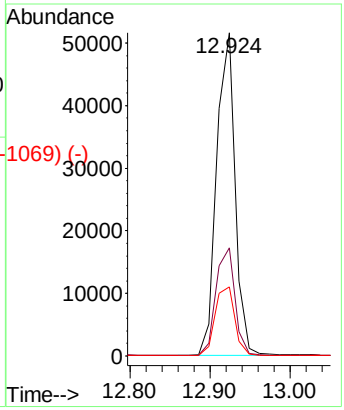
Instrument :
BNA_N
ClientSampleId :
PB139783BSD

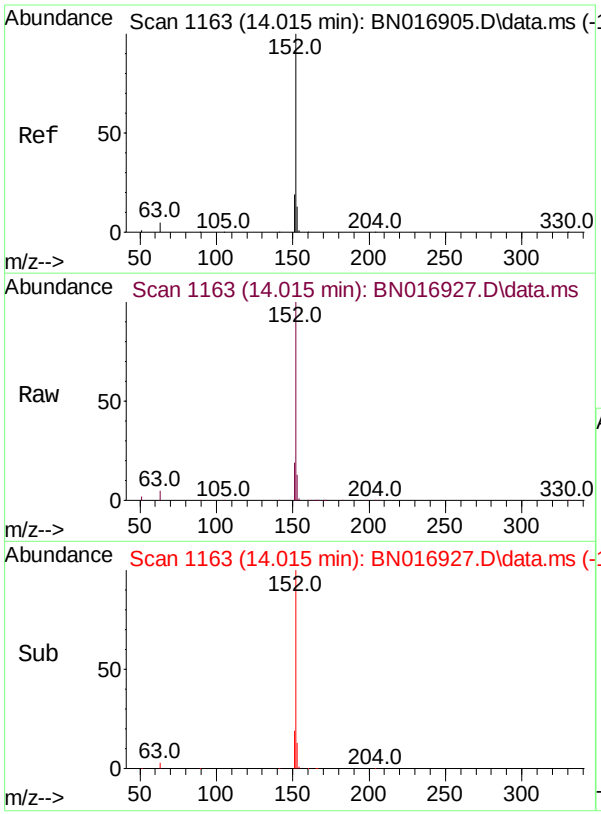


#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:172 Resp: 83940

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.4	41.0
170	21.5	18.1	27.1

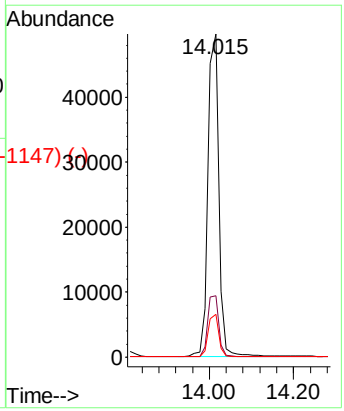




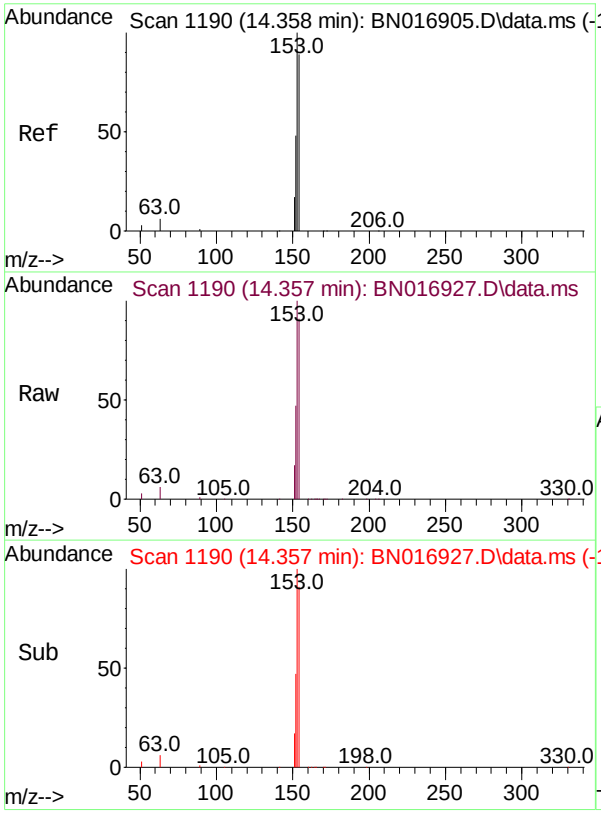
#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.015 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:152 Resp: 89135

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.0	10.3	15.5



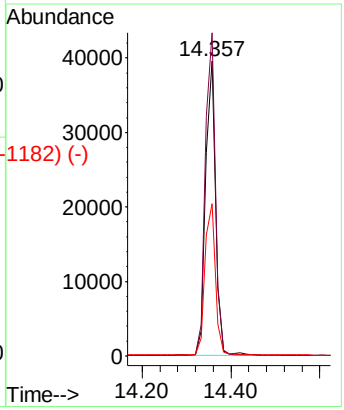
Instrument :
BNA_N
ClientSampleId :
PB139783BSD

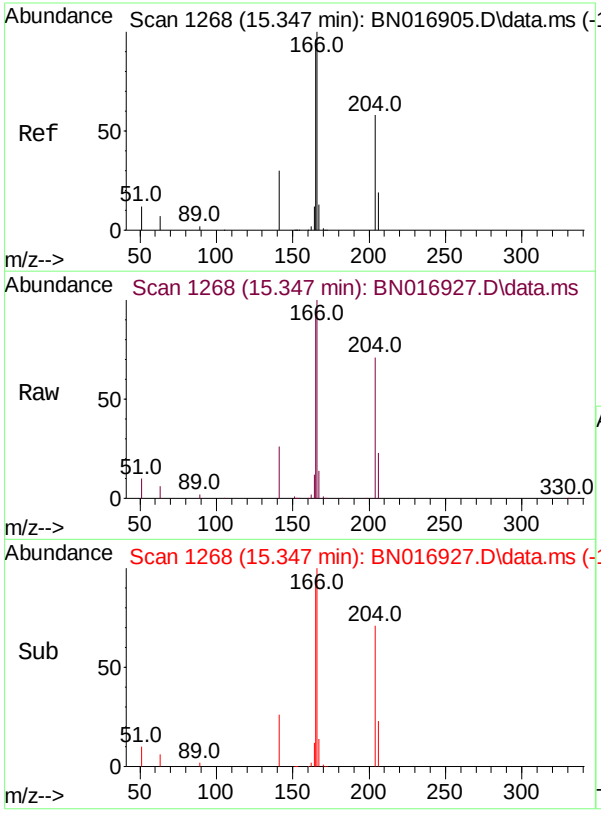


#47
Acenaphthene
Concen: 0.397 ng
RT: 14.357 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:154 Resp: 61449

Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.2	136.8
152	54.1	44.4	66.6

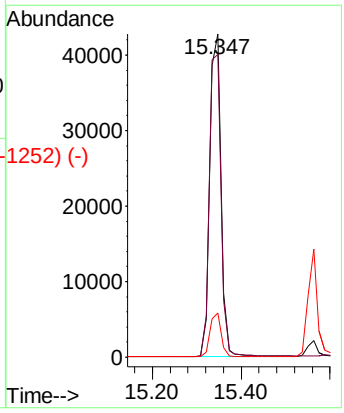




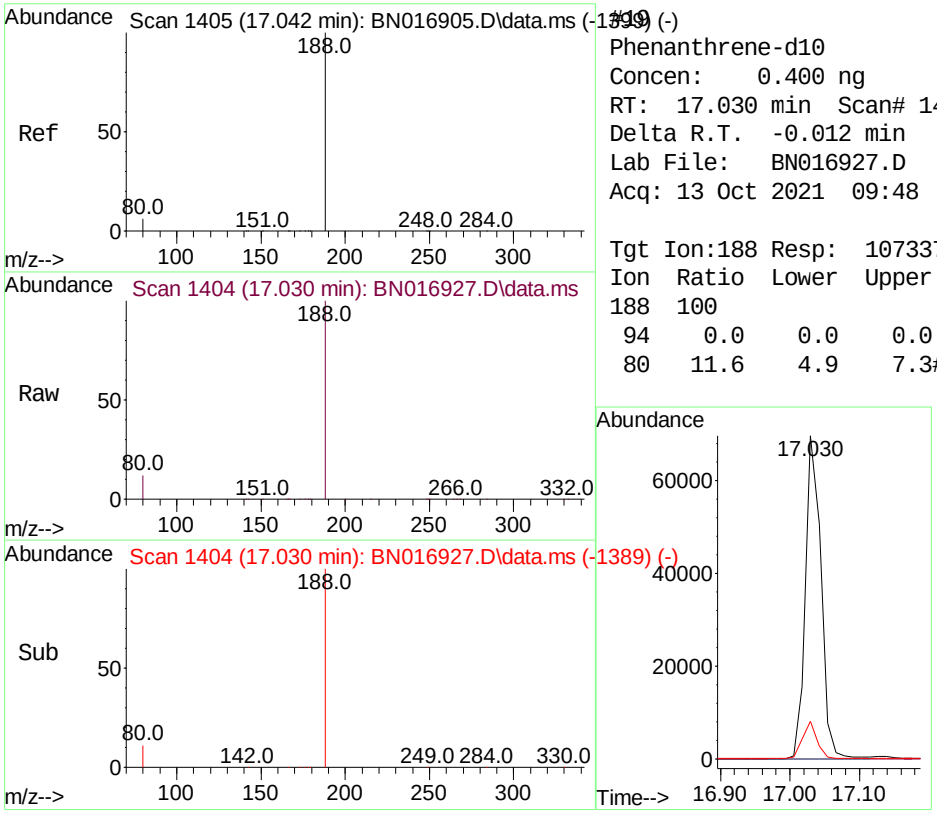
#48
Fluorene
Concen: 0.401 ng
RT: 15.347 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:166 Resp: 73872

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.1	117.1
167	13.4	10.7	16.1



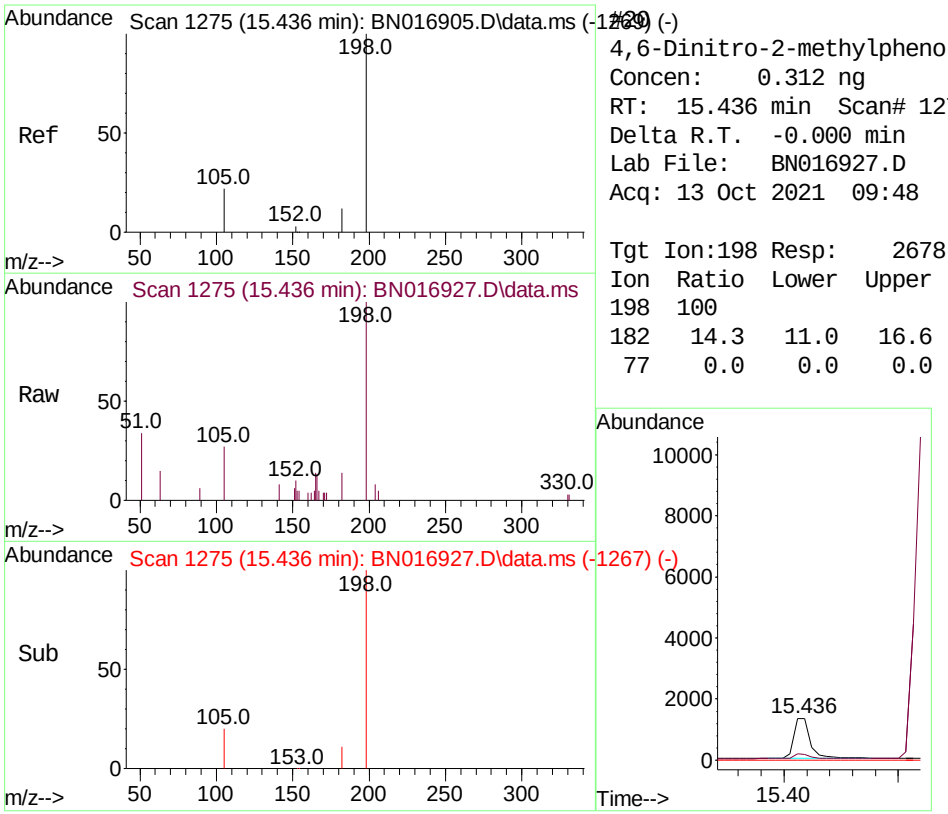
Instrument :
BNA_N
ClientSampleId :
PB139783BSD



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:188 Resp: 107337

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	4.9	7.3#

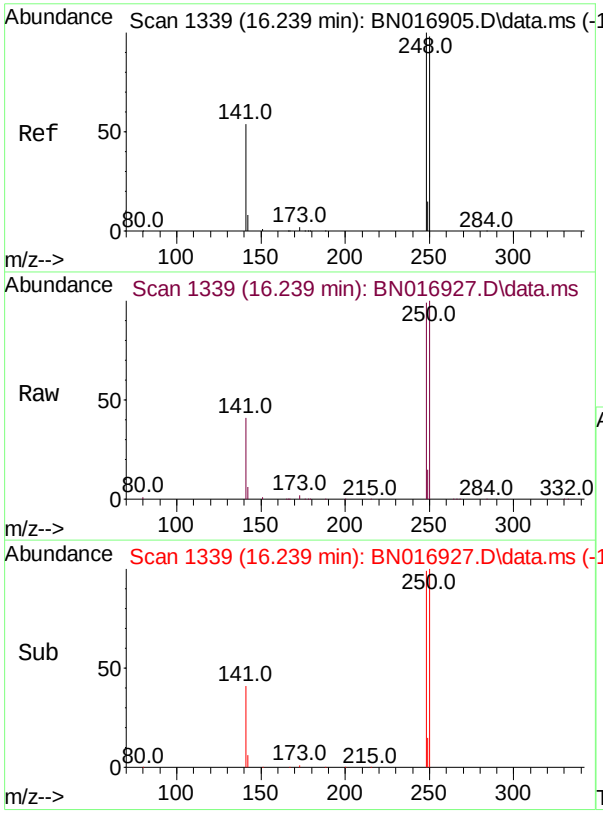


#20
4,6-Dinitro-2-methylphenol
Concen: 0.312 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:198 Resp: 2678

Ion	Ratio	Lower	Upper
198	100		
182	14.3	11.0	16.6
77	0.0	0.0	0.0

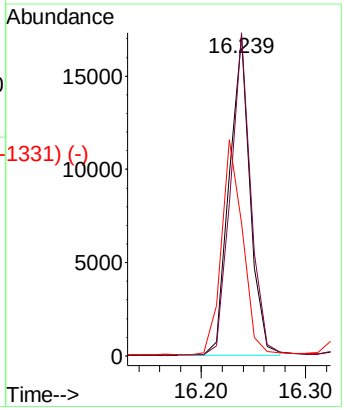
Instrument :
BNA_N
ClientSampleId :
PB139783BSD

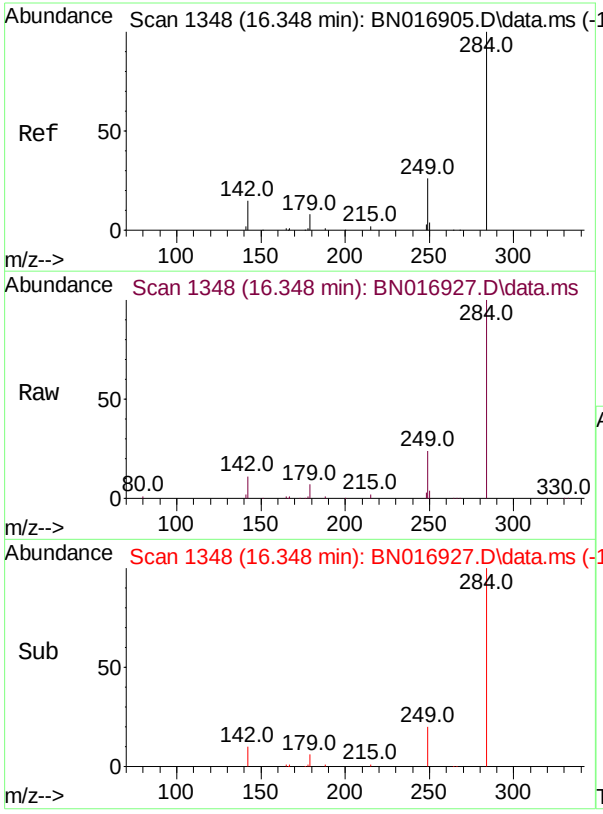


#21
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.239 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:248 Resp: 23973

Ion	Ratio	Lower	Upper
248	100		
250	100.9	78.2	117.2
141	41.6	43.1	64.7#

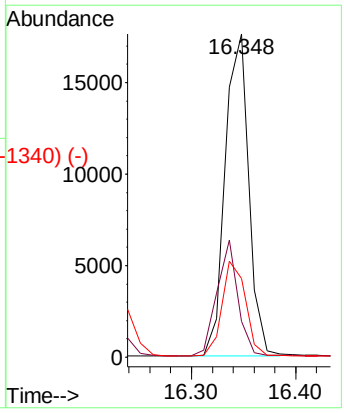




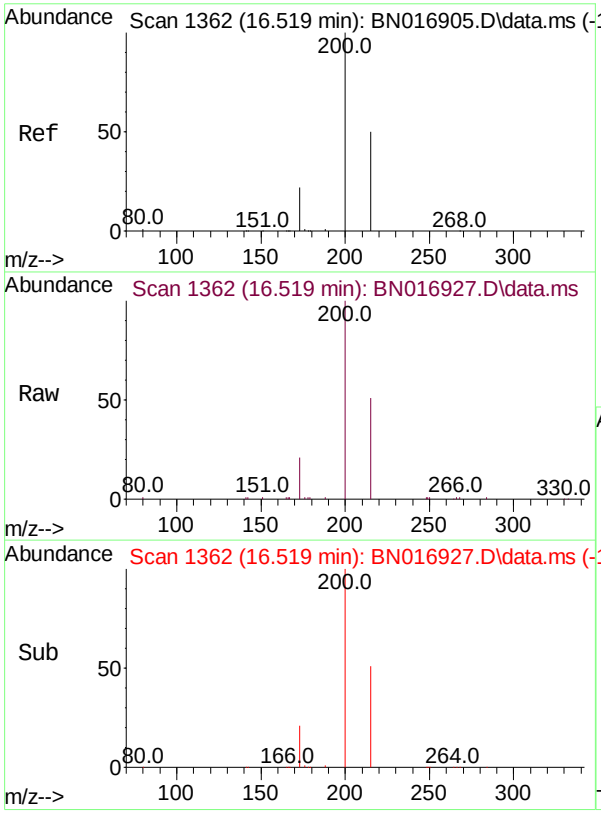
#22
Hexachlorobenzene
Concen: 0.385 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:284 Resp: 28040

Ion	Ratio	Lower	Upper
284	100		
142	31.6	25.1	37.7
249	29.1	23.2	34.8



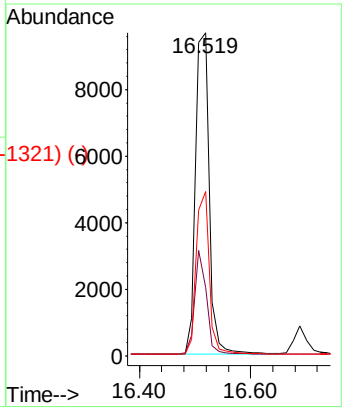
Instrument :
BNA_N
ClientSampleId :
PB139783BSD

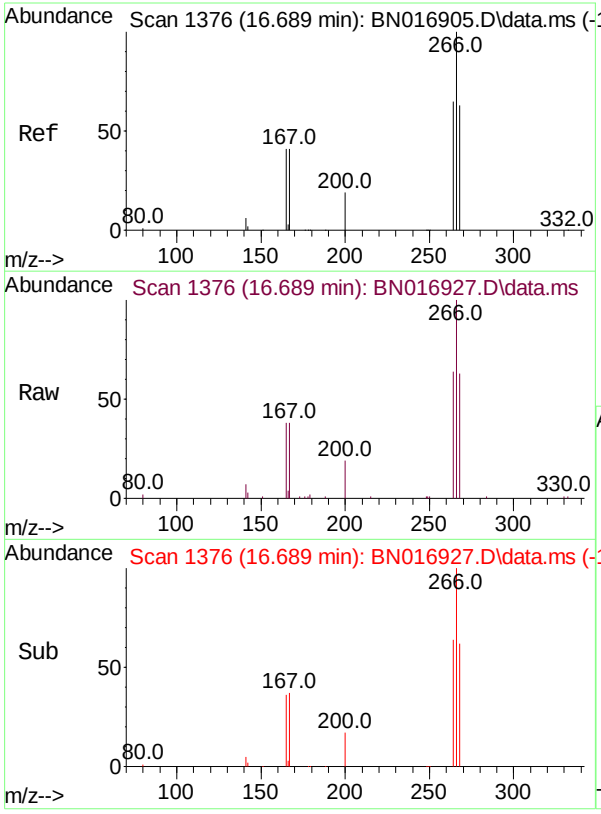


#23
Atrazine
Concen: 0.398 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:200 Resp: 16490

Ion	Ratio	Lower	Upper
200	100		
173	21.2	18.0	27.0
215	50.9	40.0	60.0

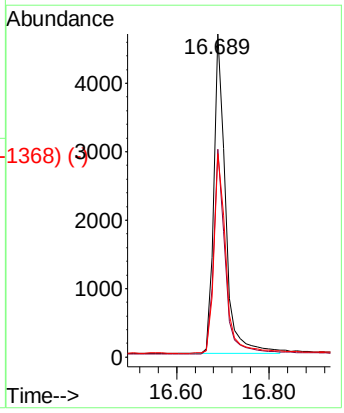




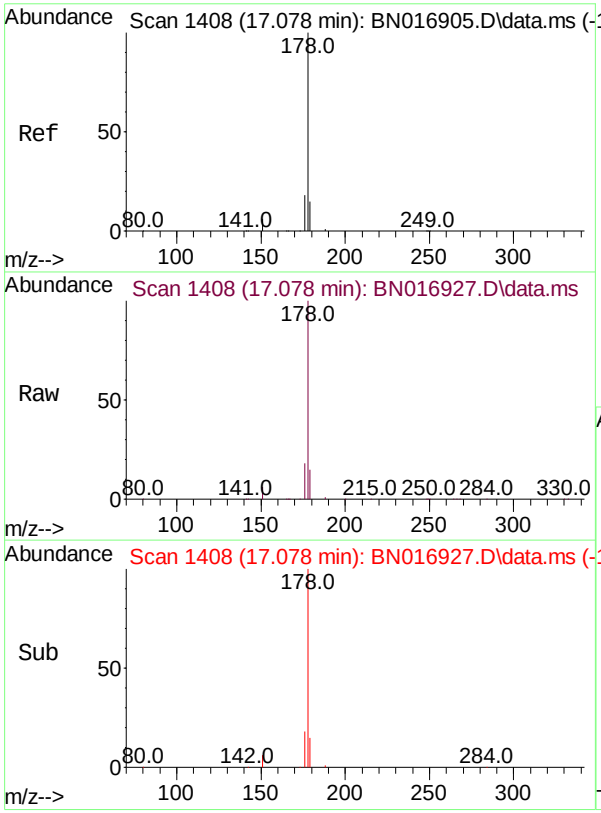
#24
Pentachlorophenol
Concen: 0.422 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:266 Resp: 8111

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.5	75.7
268	63.6	51.2	76.8



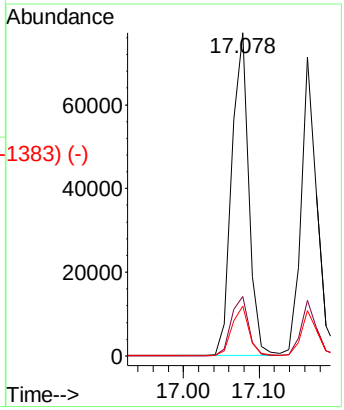
Instrument :
BNA_N
ClientSampleId :
PB139783BSD

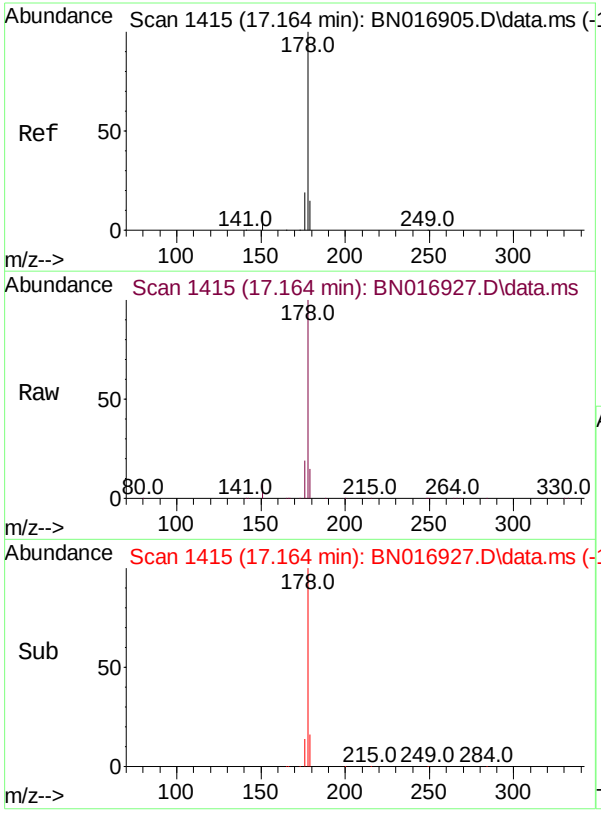


#25
Phenanthrene
Concen: 0.391 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:178 Resp: 119464

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.4	12.3	18.5

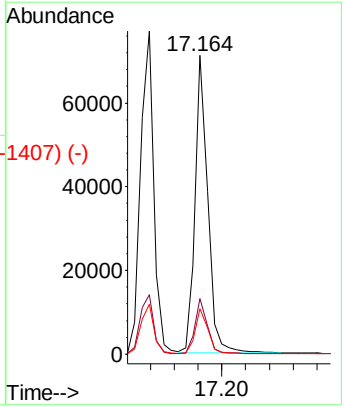




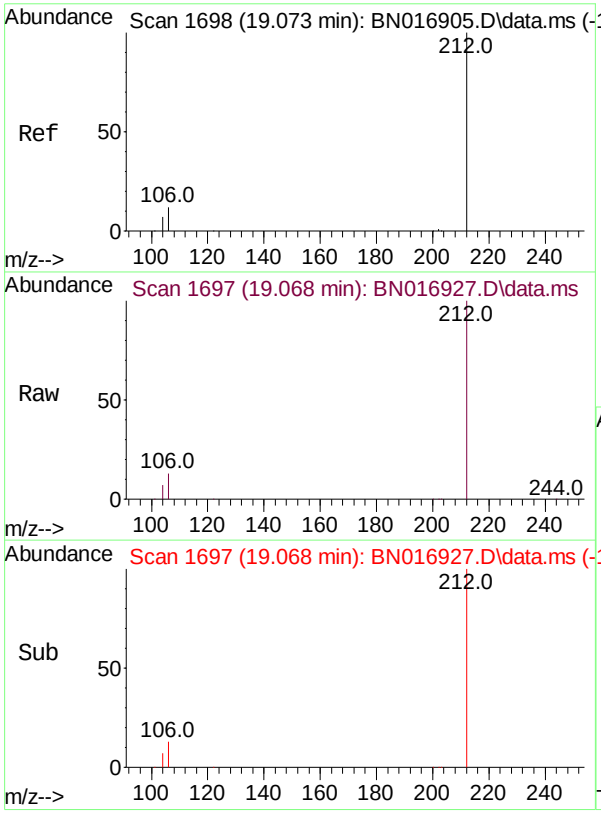
#26
Anthracene
Concen: 0.401 ng
RT: 17.164 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:178 Resp: 104620

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.3	12.2	18.4



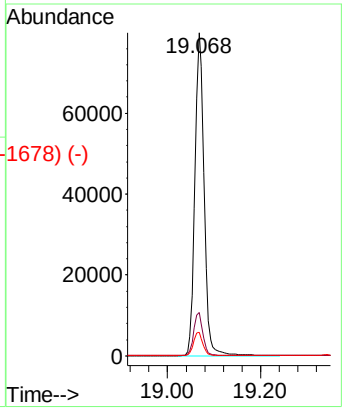
Instrument :
BNA_N
ClientSampleId :
PB139783BSD

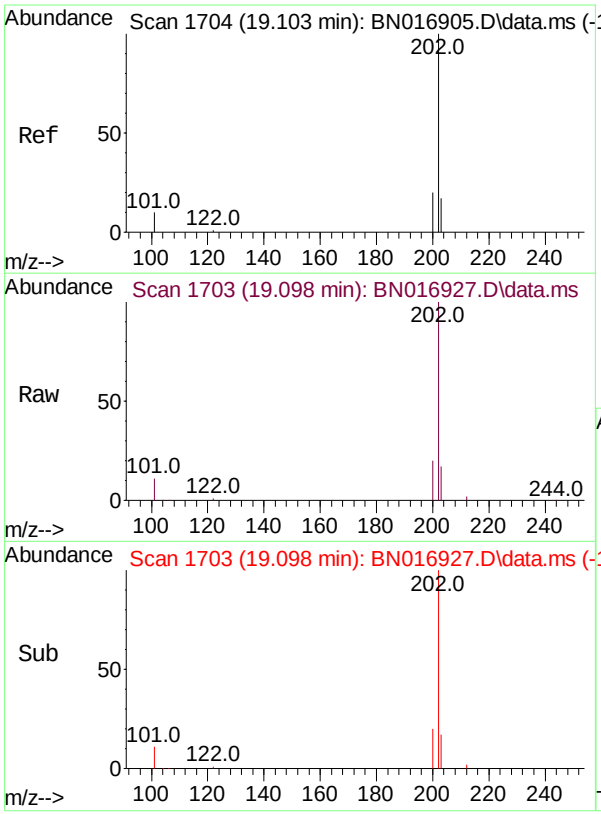


#27
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:212 Resp: 108524

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.7	16.1
104	7.4	5.8	8.8

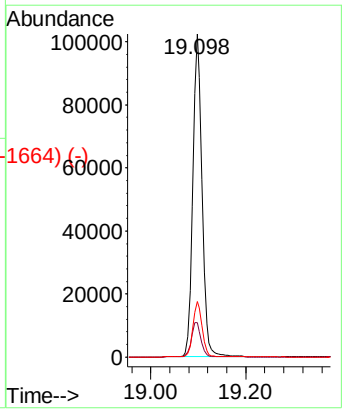




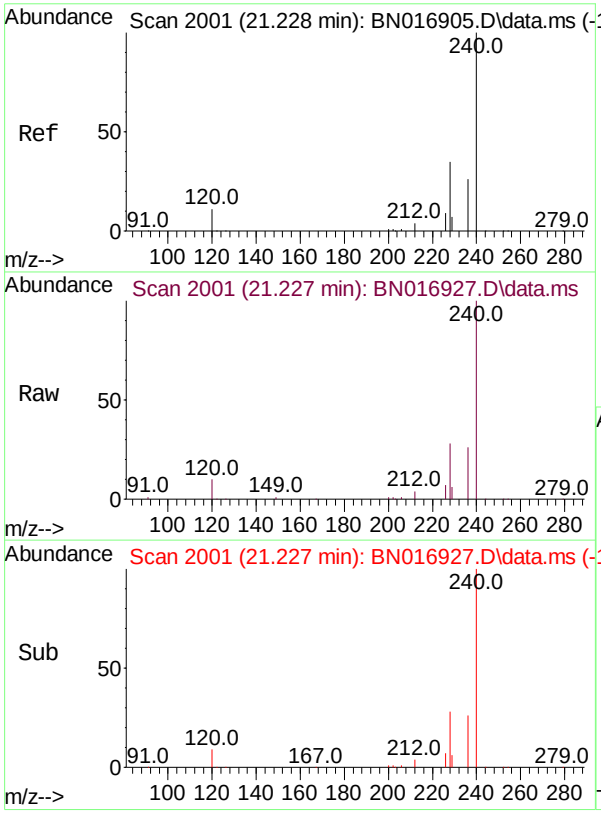
#28
Fluoranthene
Concen: 0.414 ng
RT: 19.098 min Scan# 1703
Delta R.T. -0.005 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:202 Resp: 136703

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.4
203	17.3	13.8	20.8



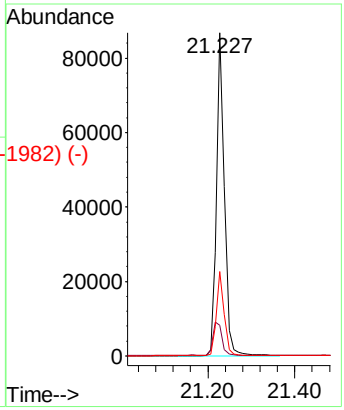
Instrument :
BNA_N
ClientSampleId :
PB139783BSD

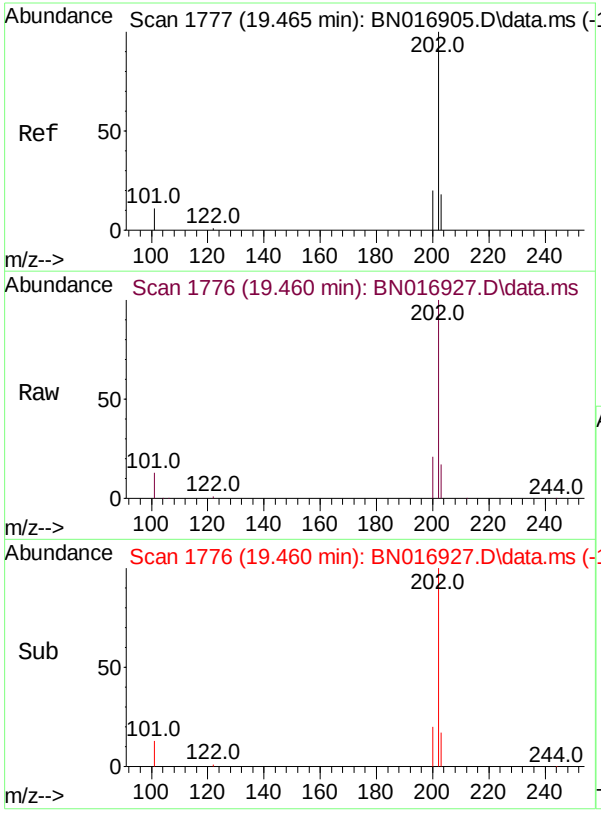


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:240 Resp: 110427

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.6	12.8
236	26.1	21.0	31.4

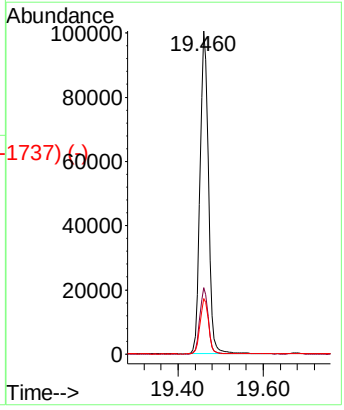




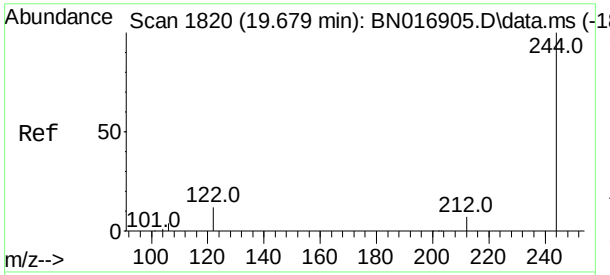
#30
Pyrene
Concen: 0.392 ng
RT: 19.460 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:202 Resp: 137755

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.4	14.0	21.0



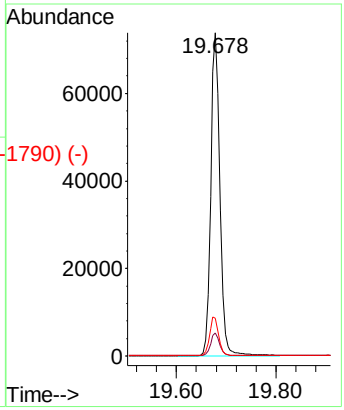
Instrument :
BNA_N
ClientSampleId :
PB139783BSD

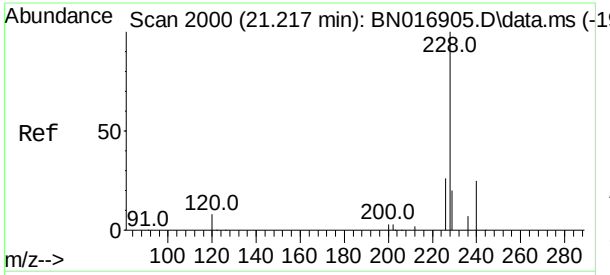


#31
Terphenyl-d14
Concen: 0.388 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:244 Resp: 94047

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.6	9.8	14.6

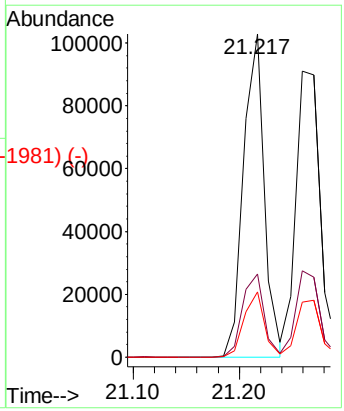




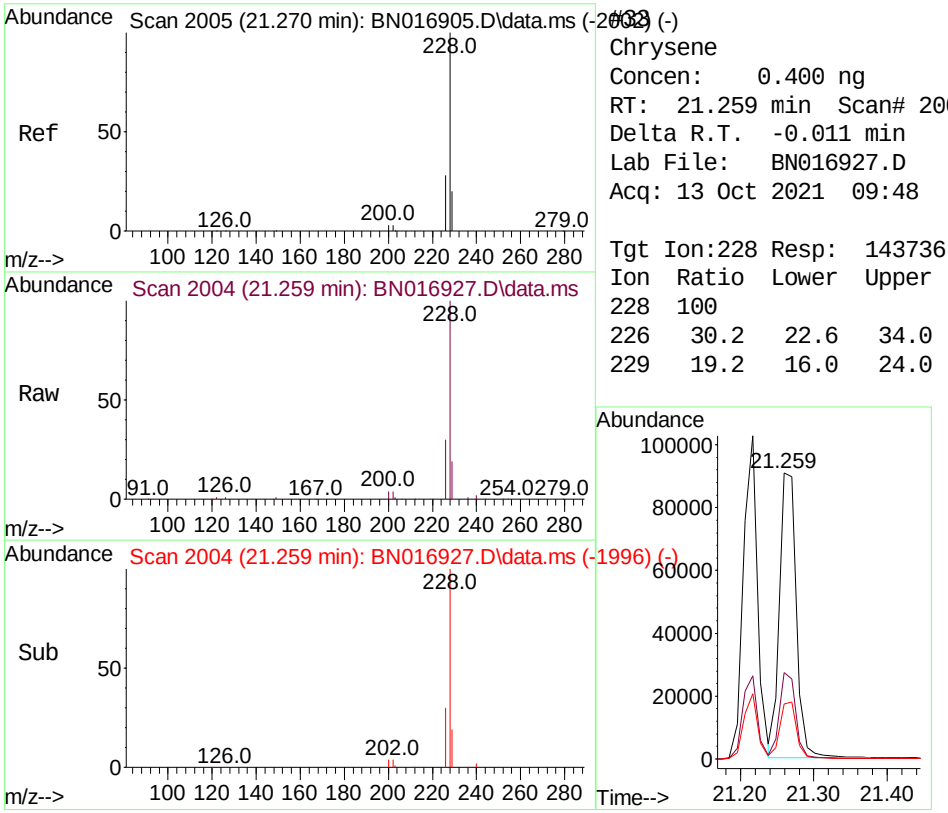
#32
Benzo(a)anthracene
Concen: 0.420 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:228 Resp: 139597

Ion	Ratio	Lower	Upper
228	100		
226	25.7	20.6	31.0
229	20.2	15.8	23.8



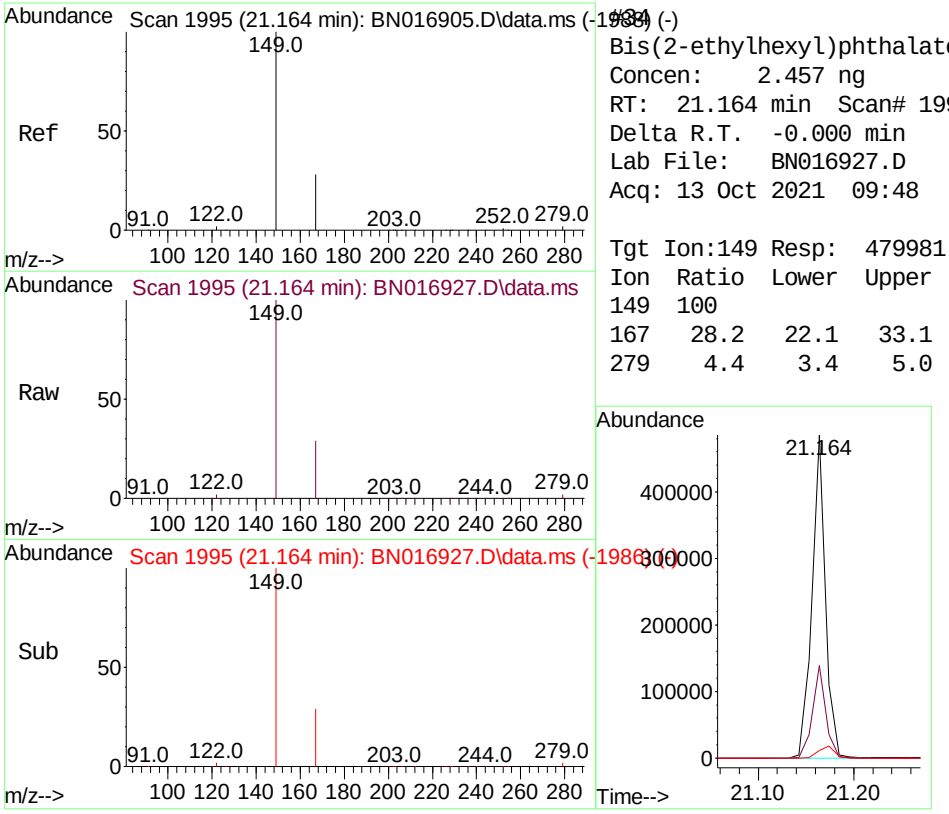
Instrument :
BNA_N
ClientSampleId :
PB139783BSD



Chrysene
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.011 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:228 Resp: 143736

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	34.0
229	19.2	16.0	24.0

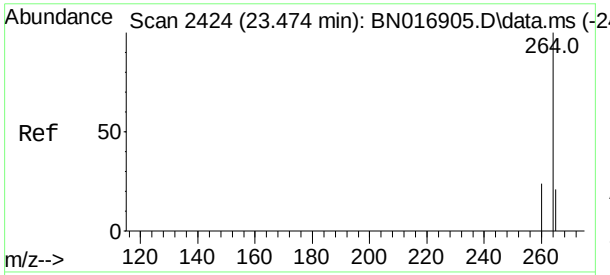


Bis(2-ethylhexyl)phthalate
Concen: 2.457 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:149 Resp: 479981

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.1	33.1
279	4.4	3.4	5.0

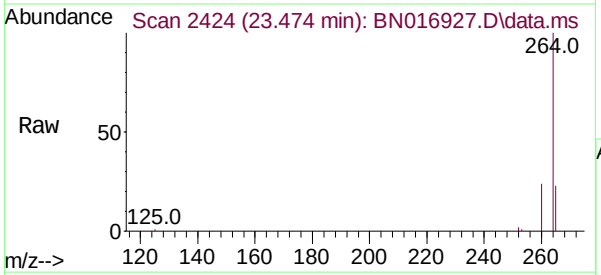
Instrument :
BNA_N
ClientSampleId :
PB139783BSD

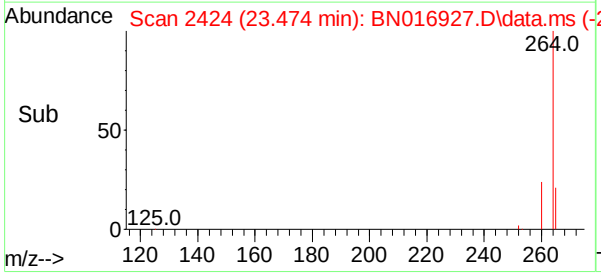


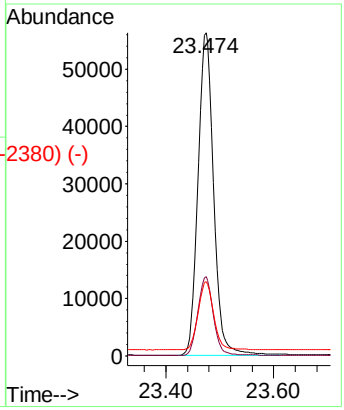
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.474 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

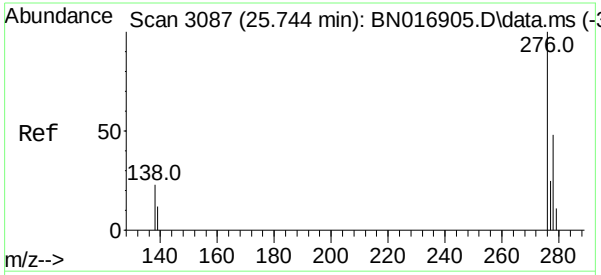
Tgt Ion:264 Resp: 113392

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	23.0	18.6	27.8





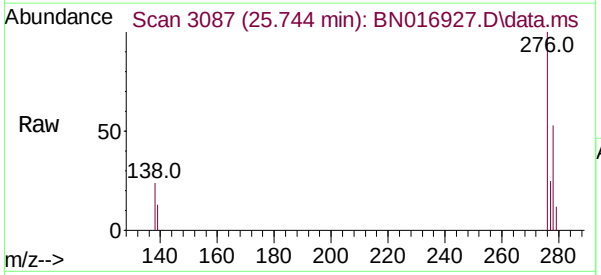


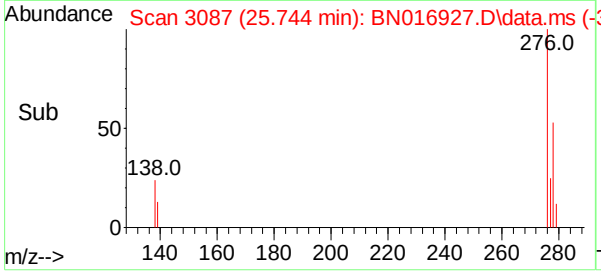


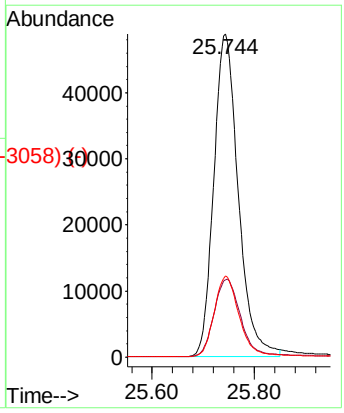
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng
RT: 25.744 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:276 Resp: 162483

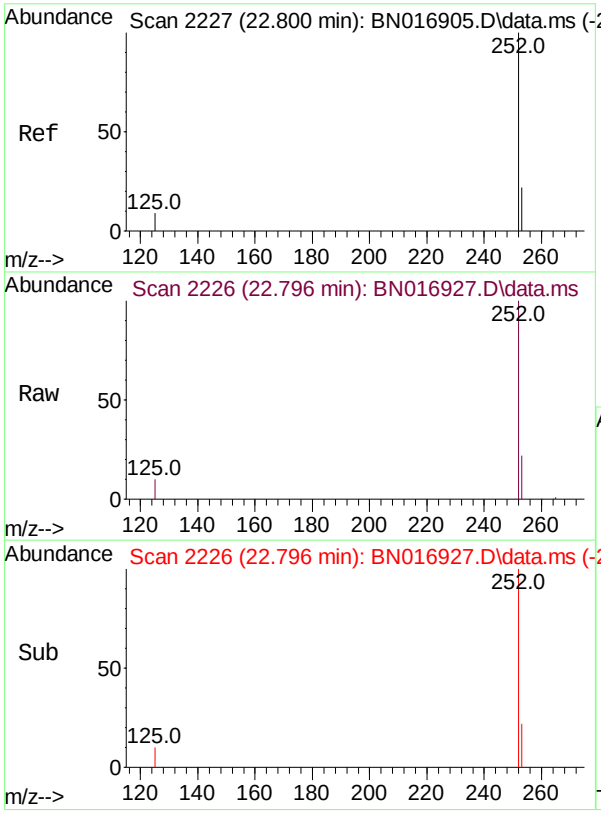
Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.2	30.4
277	25.3	20.2	30.4







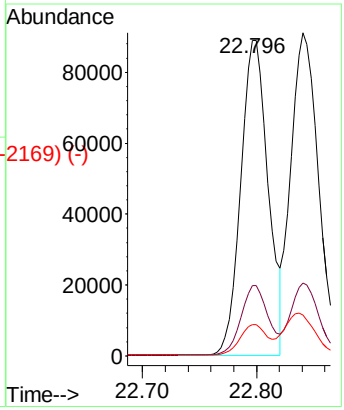
Instrument :
BNA_N
ClientSampleId :
PB139783BSD

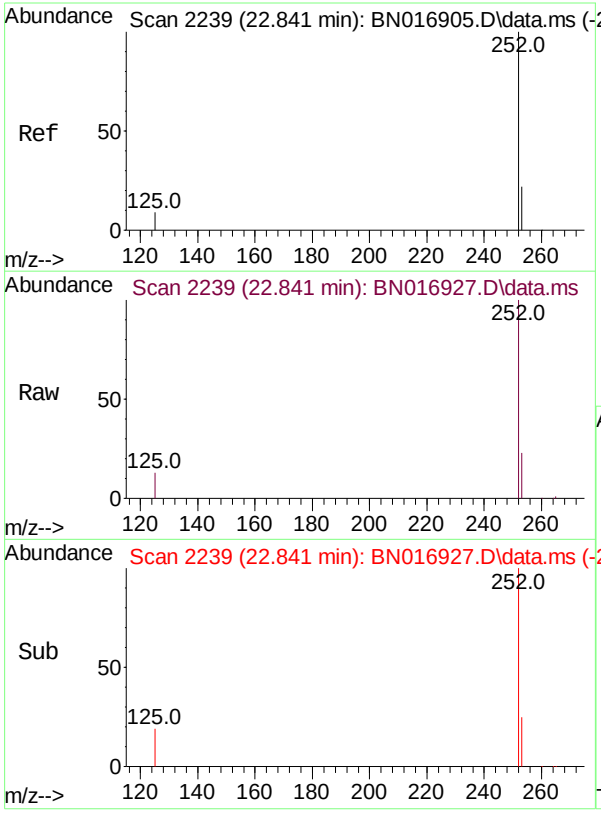


#37
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 22.796 min Scan# 2226
Delta R.T. -0.004 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:252 Resp: 148814

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.0	7.8	11.8

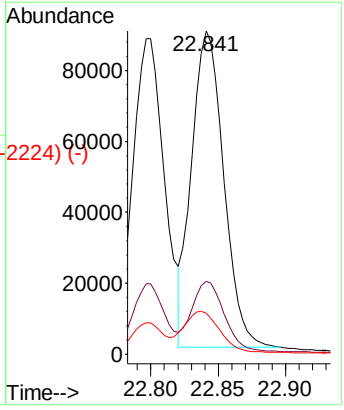




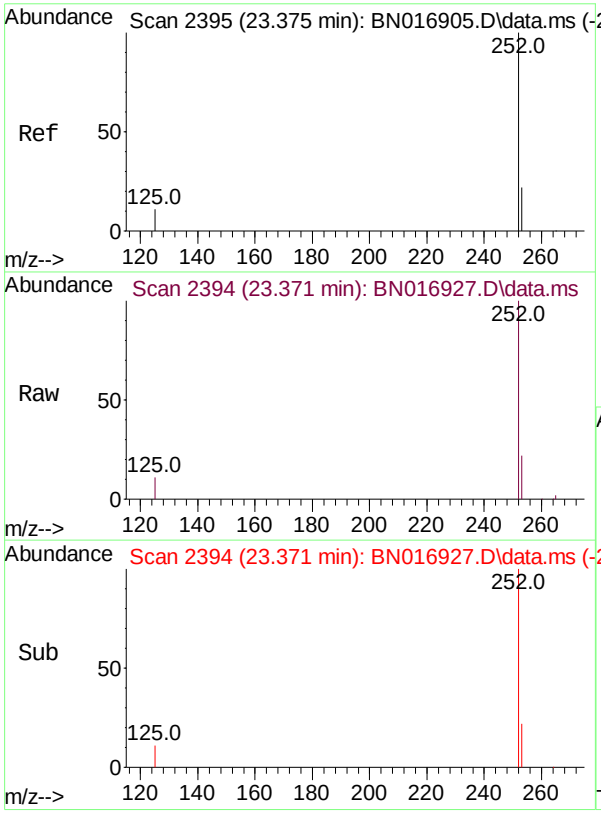
#38
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 22.841 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:252 Resp: 147746

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.6	9.8	14.8



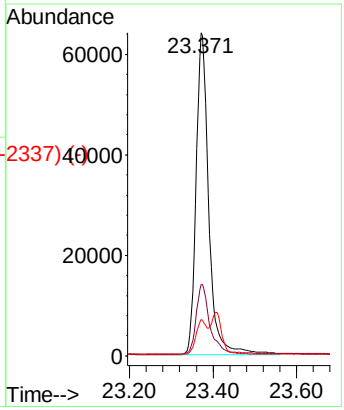
Instrument :
BNA_N
ClientSampleId :
PB139783BSD

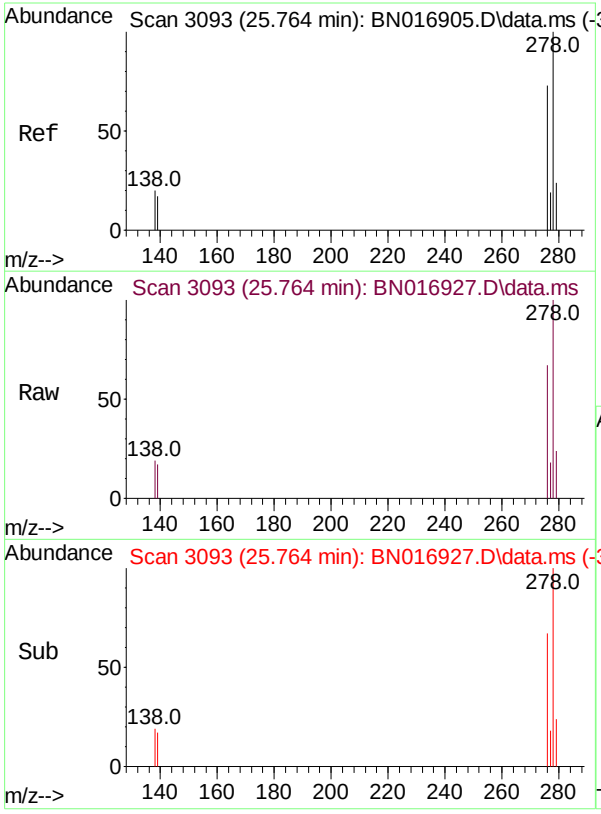


#39
Benzo(a)pyrene
Concen: 0.407 ng
RT: 23.371 min Scan# 2394
Delta R.T. -0.004 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:252 Resp: 134989

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.3	9.0	13.4

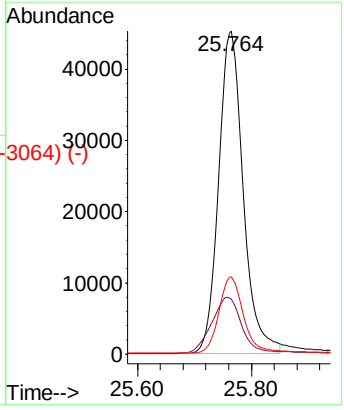


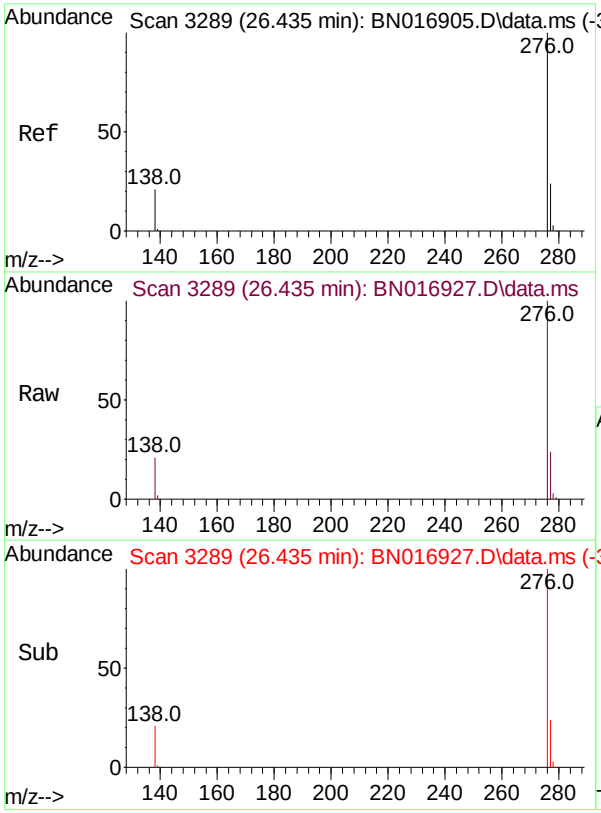


#40
Dibenzo(a,h)anthracene
Concen: 0.387 ng
RT: 25.764 min Scan# 3093
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:278 Resp: 134771

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.8	20.6
279	23.9	19.0	28.6

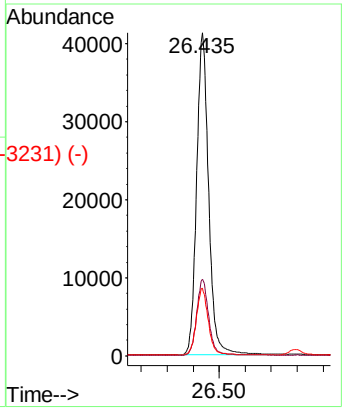




#41
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 26.435 min Scan# 3289
Delta R.T. -0.000 min
Lab File: BN016927.D
Acq: 13 Oct 2021 09:48

Tgt Ion:276 Resp: 132214

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	21.0	16.6	24.8



Instrument :
BNA_N
ClientSampleId :
PB139783BSD