Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016291.D
Acq On : 10 Sep 2021 15:28
Operator : CG/JU
Sample : PB138875BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB138875BS

Quant Time: Sep 10 16:03:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 10 14:34:37 2021
Response via : Initial Calibration

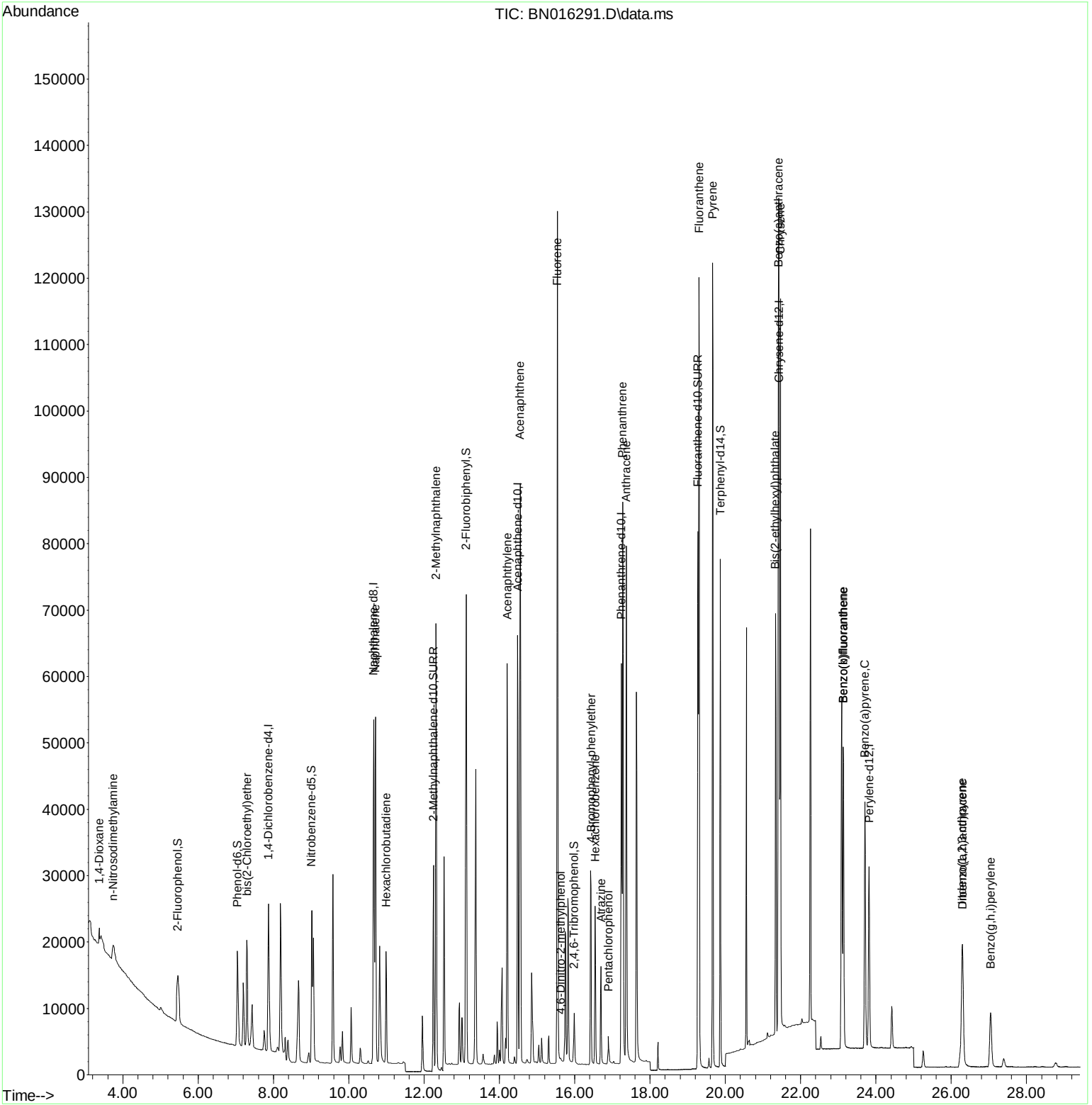
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	14810	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	74326	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	41646	0.400	ng		0.00
19) Phenanthrene-d10	17.237	188	85018	0.400	ng		0.00
29) Chrysene-d12	21.429	240	74070	0.400	ng		0.00
35) Perylene-d12	23.816	264	40763	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	14599	0.386	ng		0.00
5) Phenol-d6	7.043	99	18409	0.389	ng		0.00
8) Nitrobenzene-d5	9.012	82	22213	0.372	ng		-0.01
11) 2-Methylnaphthalene-d10	12.247	152	44353	0.382	ng		0.00
14) 2,4,6-Tribromophenol	15.981	330	6408	0.375	ng		0.00
15) 2-Fluorobiphenyl	13.114	172	63227	0.388	ng		0.00
27) Fluoranthene-d10	19.271	212	94491	0.378	ng		0.00
31) Terphenyl-d14	19.867	244	81556	0.439	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	1672	0.318	ng		97
3) n-Nitrosodimethylamine	3.742	42	3667	0.336	ng	#	95
6) bis(2-Chloroethyl)ether	7.292	93	15678	0.402	ng		100
9) Naphthalene	10.711	128	76766	0.387	ng		100
10) Hexachlorobutadiene	10.990	225	15559	0.384	ng	#	100
12) 2-Methylnaphthalene	12.318	142	52221	0.391	ng		99
16) Acenaphthylene	14.205	152	71388	0.383	ng		100
17) Acenaphthene	14.548	154	46493	0.384	ng		100
18) Fluorene	15.537	166	57748	0.386	ng		100
20) 4,6-Dinitro-2-methylph...	15.626	198	337	0.305	ng	#	84
21) 4-Bromophenyl-phenylether	16.433	248	17383	0.382	ng		95
22) Hexachlorobenzene	16.543	284	20717	0.380	ng		100
23) Atrazine	16.701	200	13226	0.316	ng		99
24) Pentachlorophenol	16.896	266	2688	0.436	ng		97
25) Phenanthrene	17.273	178	95189	0.386	ng		99
26) Anthracene	17.370	178	86711	0.382	ng		100
28) Fluoranthene	19.301	202	111951	0.386	ng		100
30) Pyrene	19.663	202	112973	0.450	ng		100
32) Benzo(a)anthracene	21.408	228	96525	0.418	ng		99
33) Chrysene	21.461	228	93739	0.410	ng		99
34) Bis(2-ethylhexyl)phtha...	21.334	149	60624	0.427	ng		100
36) Indeno(1,2,3-cd)pyrene	26.288	276	25922	0.382	ng		97
37) Benzo(b)fluoranthene	23.135	252	63420	0.403	ng		99
38) Benzo(k)fluoranthene	23.135	252	61442	0.438	ng		99
39) Benzo(a)pyrene	23.707	252	50683	0.433	ng	#	78
40) Dibenzo(a,h)anthracene	26.305	278	21020	0.405	ng		98
41) Benzo(g,h,i)perylene	27.044	276	20299	0.360	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016291.D
Acq On : 10 Sep 2021 15:28
Operator : CG/JU
Sample : PB138875BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB138875BS

Quant Time: Sep 10 16:03:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 10 14:34:37 2021
Response via : Initial Calibration



Instrument :
BNA_N
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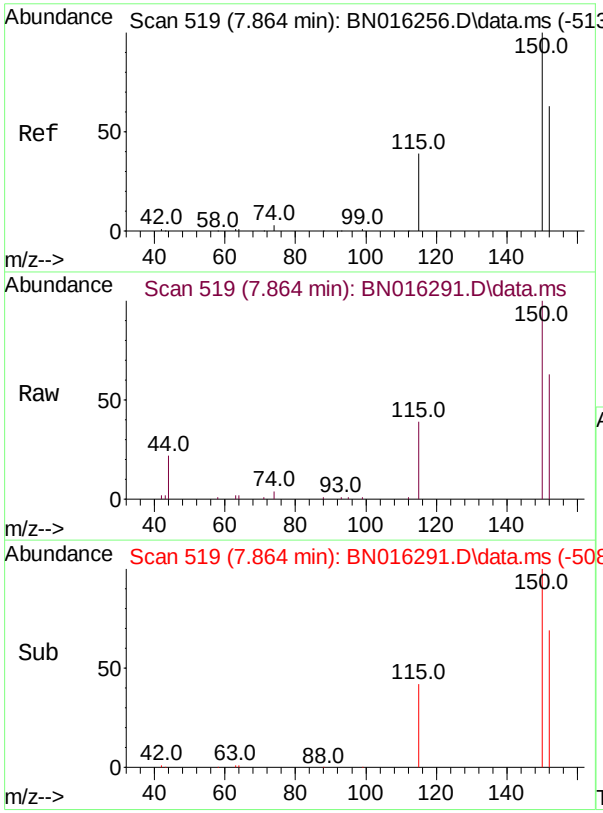
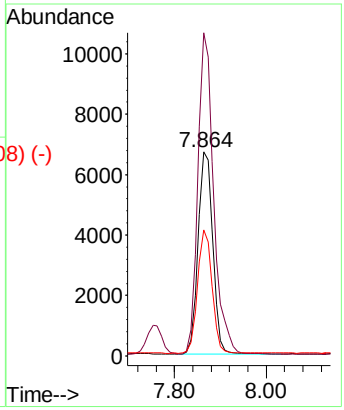
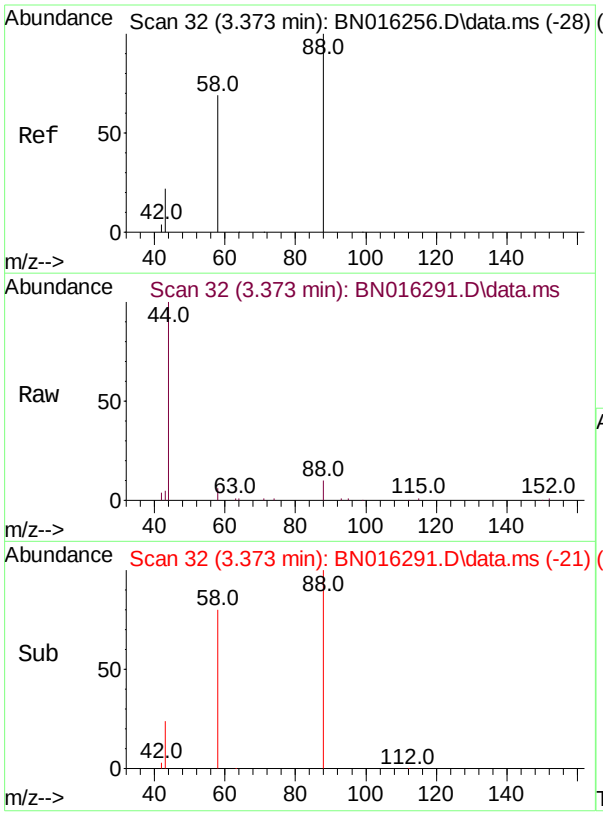


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:152 Resp: 14810

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.6	188.4
115	61.8	50.2	75.2

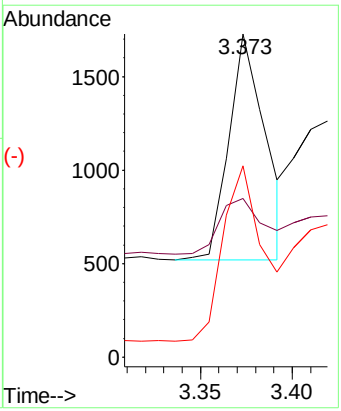




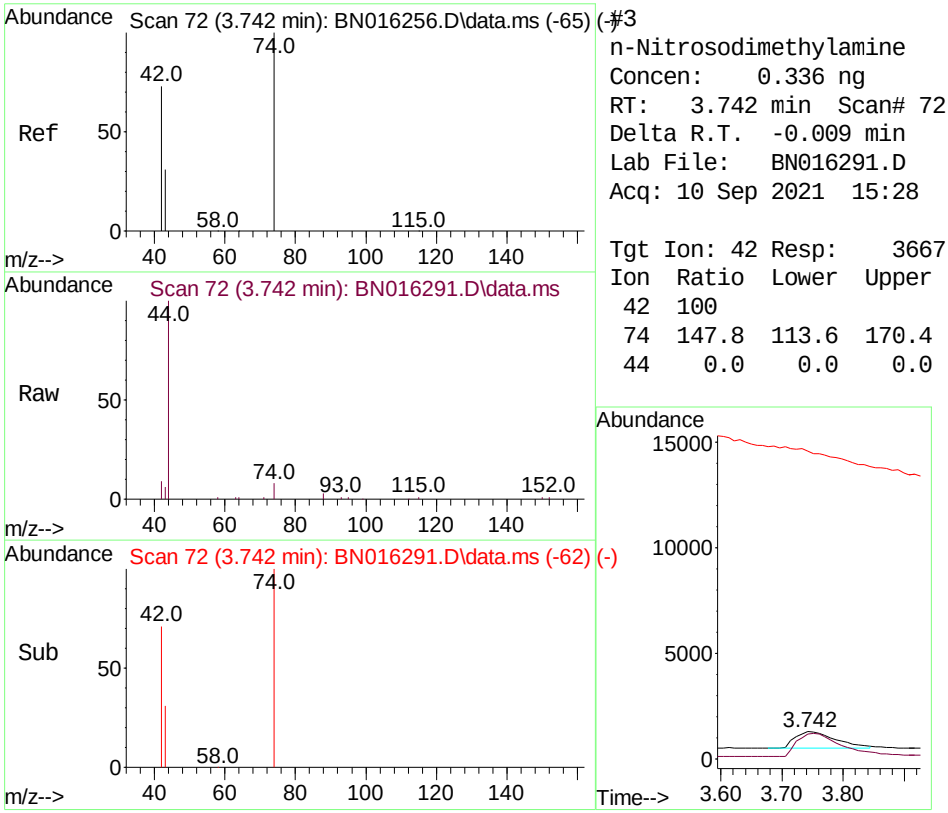
#2
1,4-Dioxane
Concen: 0.318 ng
RT: 3.373 min Scan# 32
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion: 88 Resp: 1672

Ion	Ratio	Lower	Upper
88	100		
43	30.4	20.3	30.5
58	86.5	69.9	104.9



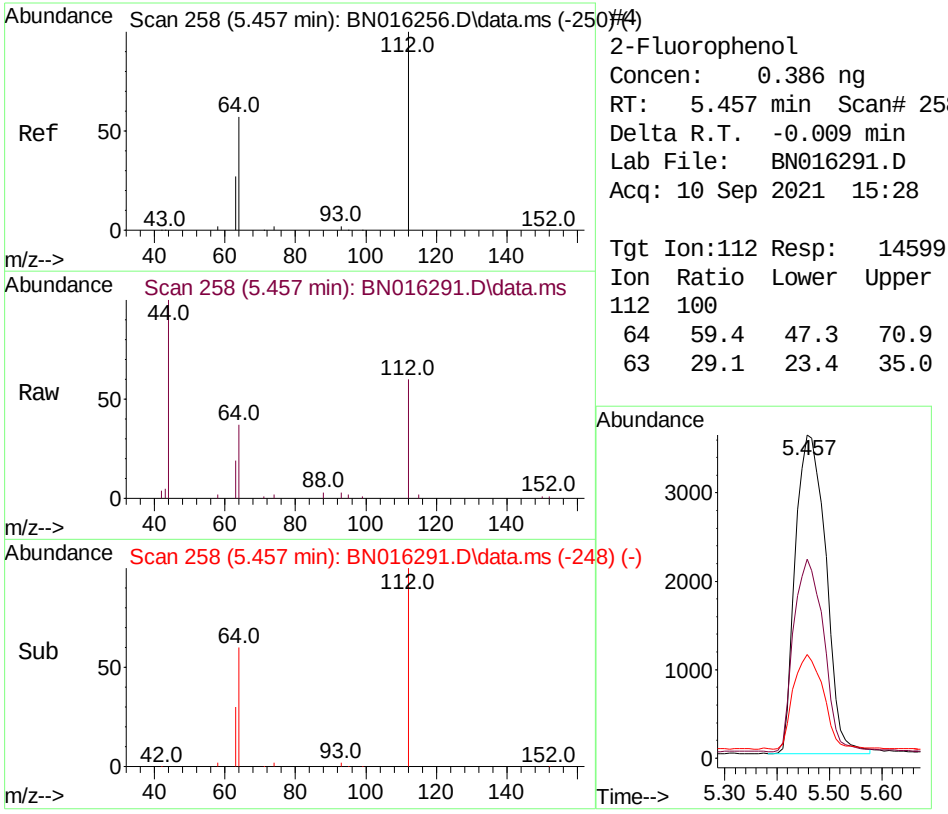
Instrument :
BNA_N
ClientSampleId :
PB138875BS



#3
n-Nitrosodimethylamine
Concen: 0.336 ng
RT: 3.742 min Scan# 72
Delta R.T. -0.009 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion: 42 Resp: 3667

Ion	Ratio	Lower	Upper
42	100		
74	147.8	113.6	170.4
44	0.0	0.0	0.0

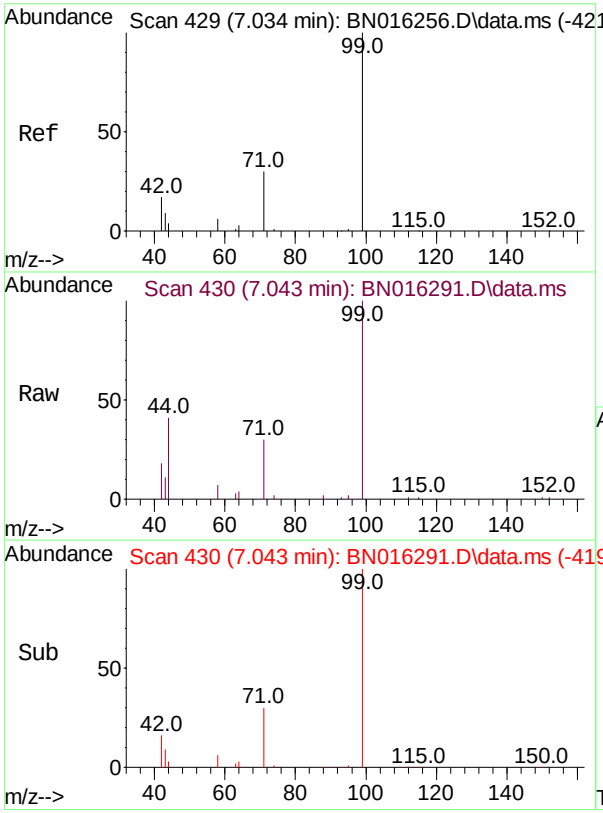


#4
2-Fluorophenol
Concen: 0.386 ng
RT: 5.457 min Scan# 258
Delta R.T. -0.009 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:112 Resp: 14599

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.3	70.9
63	29.1	23.4	35.0

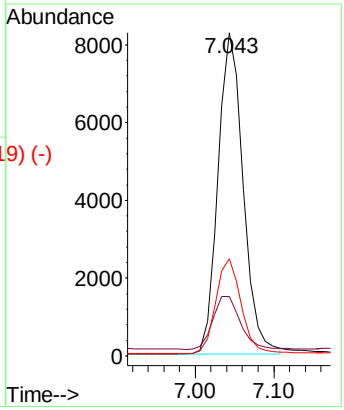
Instrument :
BNA_N
ClientSampleId :
PB138875BS

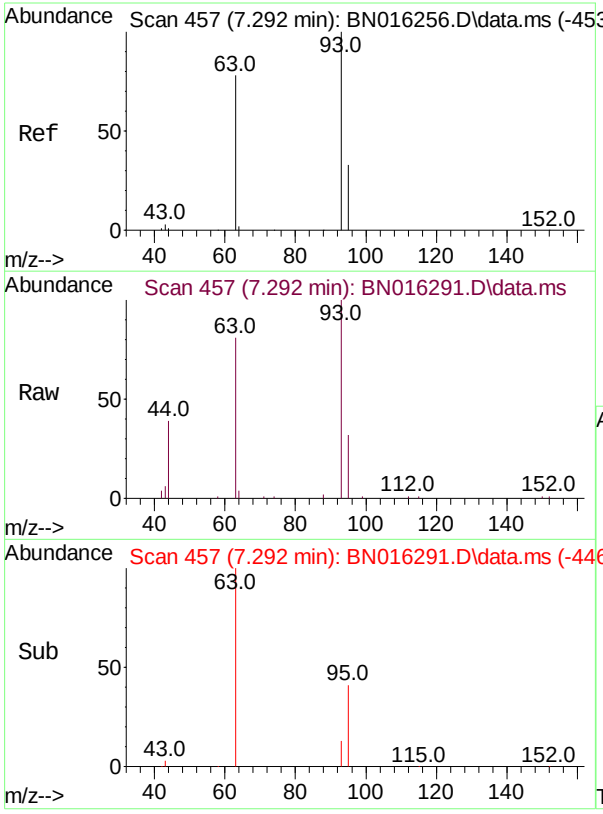


#5
Phenol-d6
Concen: 0.389 ng
RT: 7.043 min Scan# 430
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion: 99 Resp: 18409

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.0	21.0
71	29.6	23.8	35.6

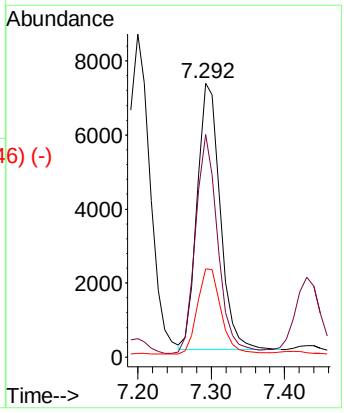




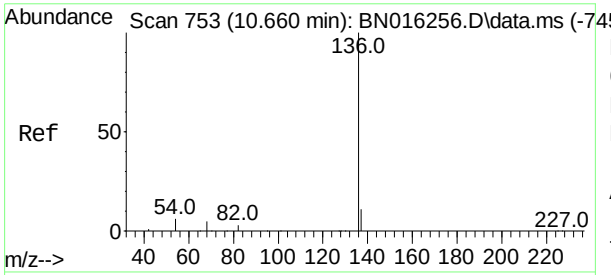
#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 7.292 min Scan# 457
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion: 93 Resp: 15678

Ion	Ratio	Lower	Upper
93	100		
63	79.2	63.4	95.0
95	33.1	26.8	40.2



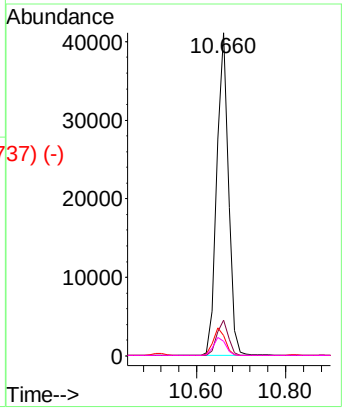
Instrument :
BNA_N
ClientSampleId :
PB138875BS

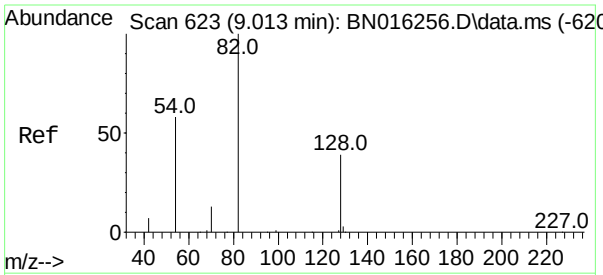


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:136 Resp: 74326

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.4	5.3	7.9
68	4.6	3.9	5.9

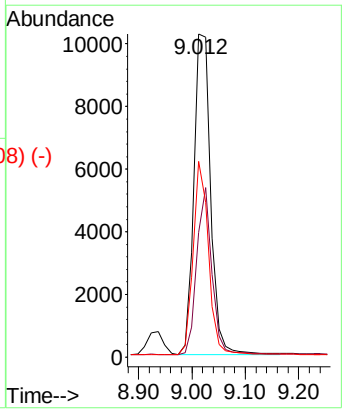




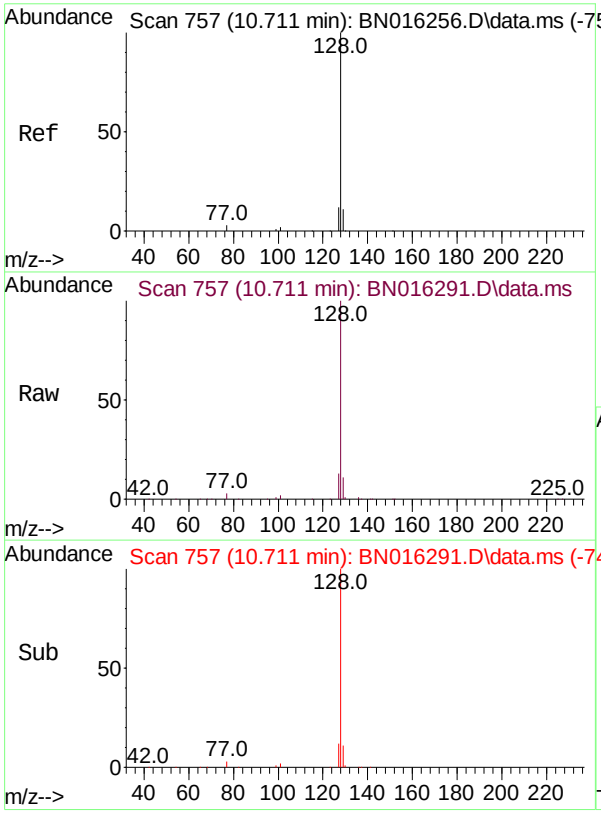
#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 9.012 min Scan# 623
Delta R.T. -0.013 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion: 82 Resp: 22213

Ion	Ratio	Lower	Upper
82	100		
128	38.7	31.7	47.5
54	60.7	46.4	69.6



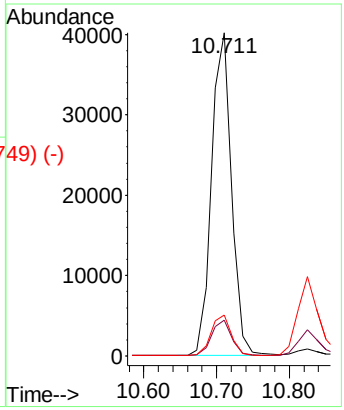
Instrument :
BNA_N
ClientSampleId :
PB138875BS

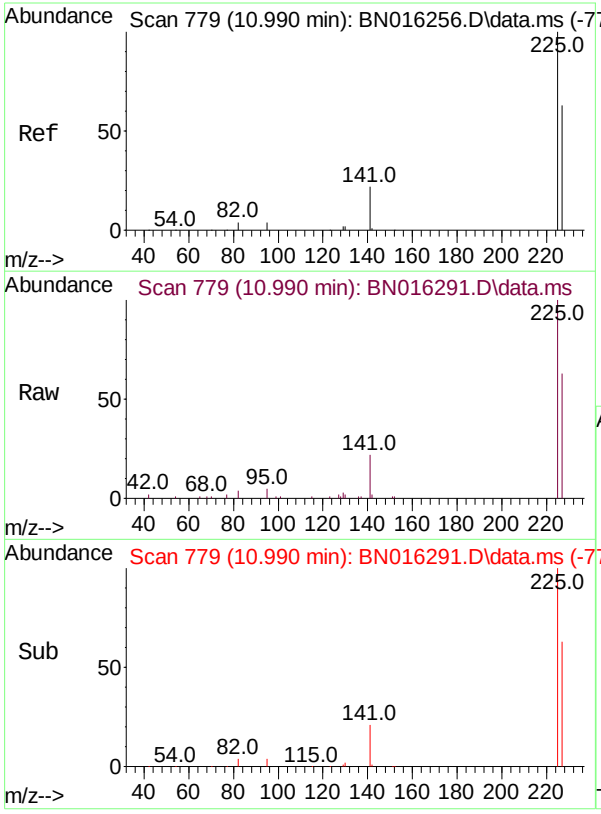


#9
Naphthalene
Concen: 0.387 ng
RT: 10.711 min Scan# 757
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:128 Resp: 76766

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.6	10.1	15.1

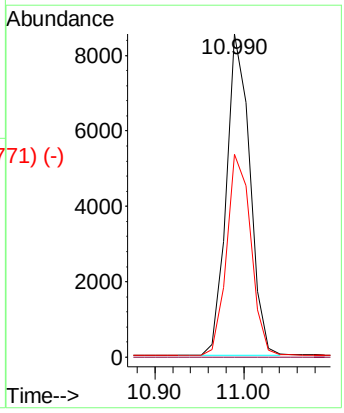




#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 10.990 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:225 Resp: 15559

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.5	77.3



Instrument :
BNA_N
ClientSampleId :
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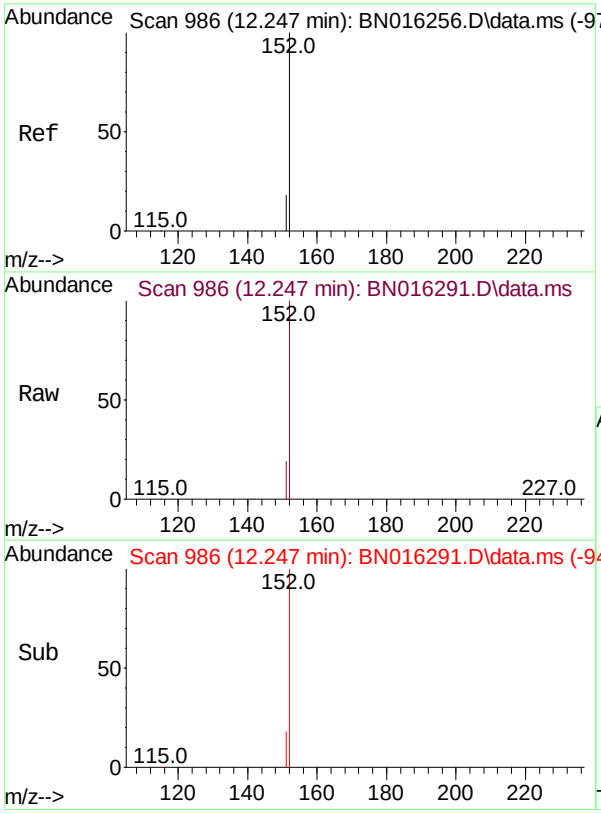
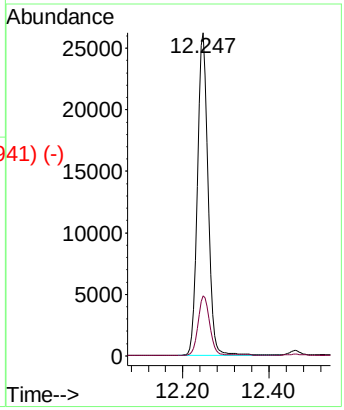
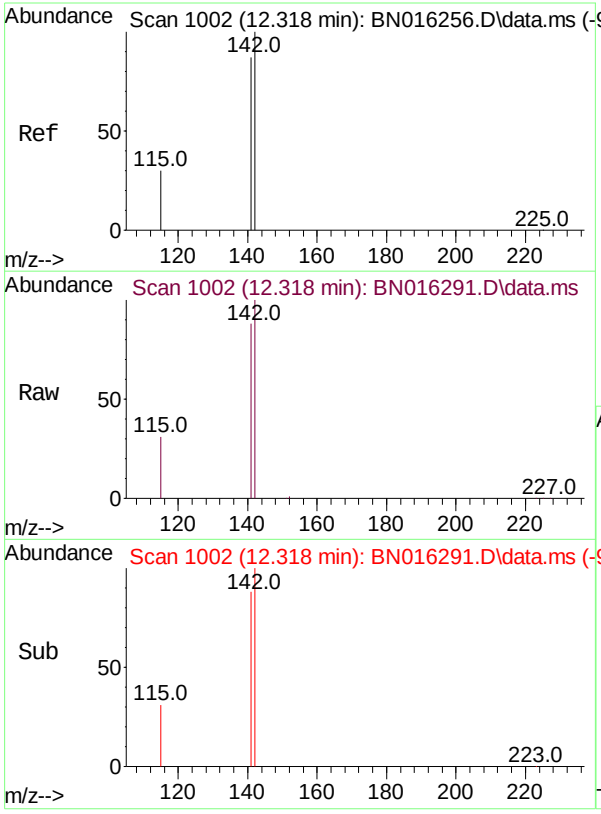


#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 12.247 min Scan# 986
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:152 Resp: 44353

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1

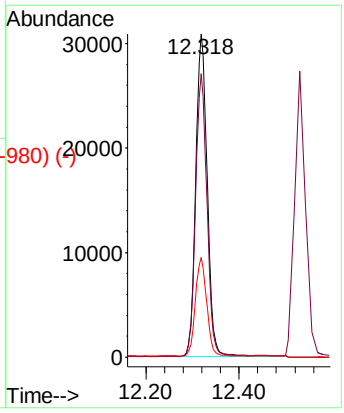




#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.318 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:142 Resp: 52221

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.8	104.8
115	30.8	24.4	36.6



Instrument :
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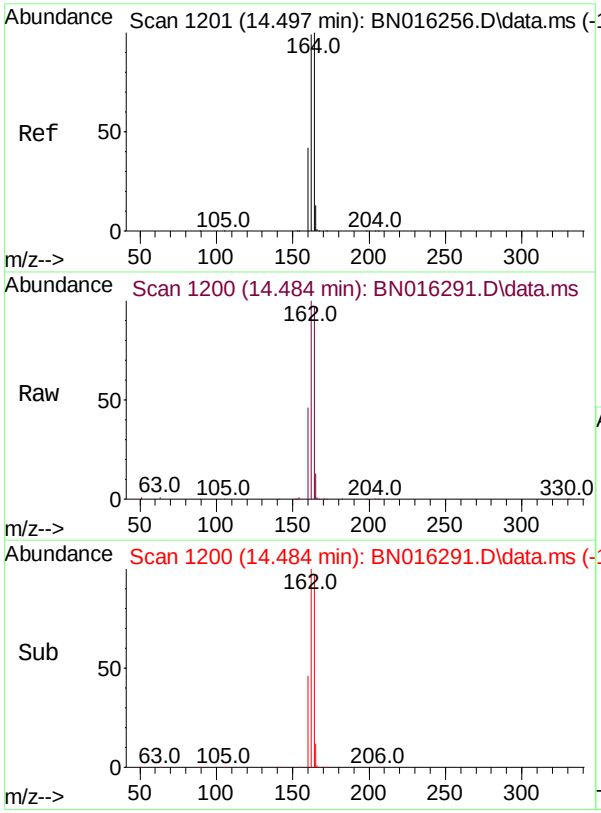
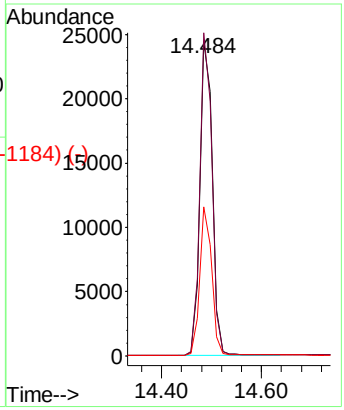
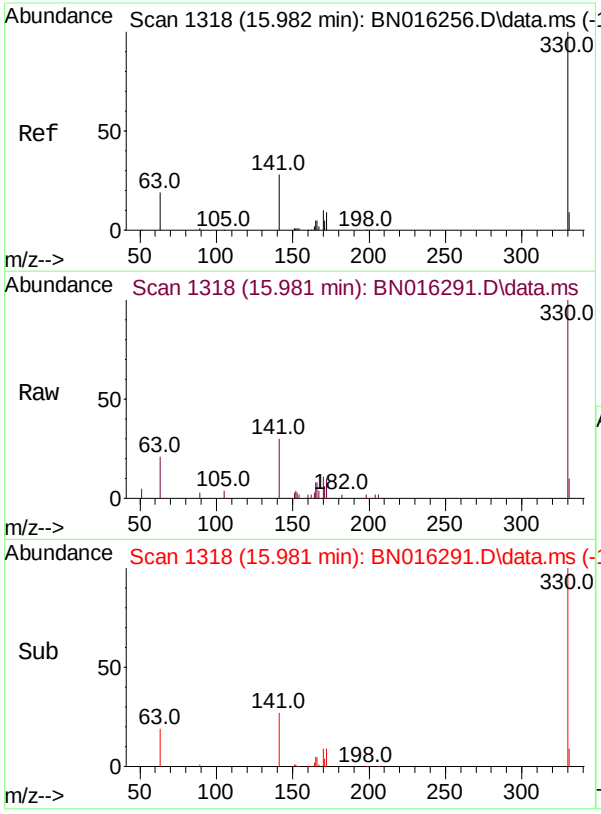


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:164 Resp: 41646

Ion	Ratio	Lower	Upper
164	100		
162	102.7	79.0	118.4
160	47.4	34.1	51.1

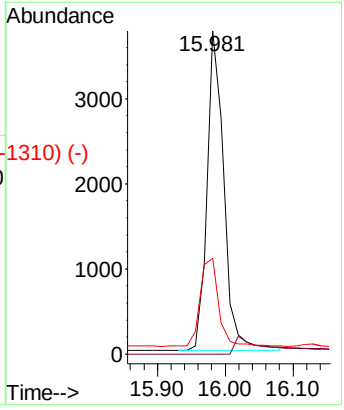




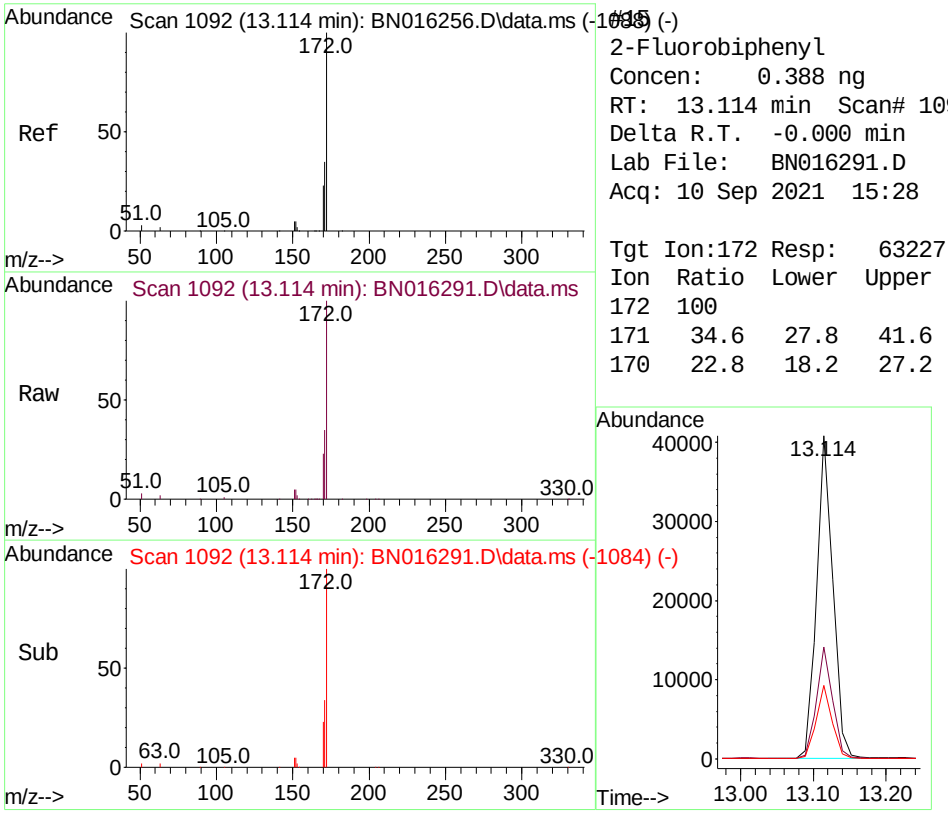
#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.981 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:330 Resp: 6408

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.7	25.0	37.4



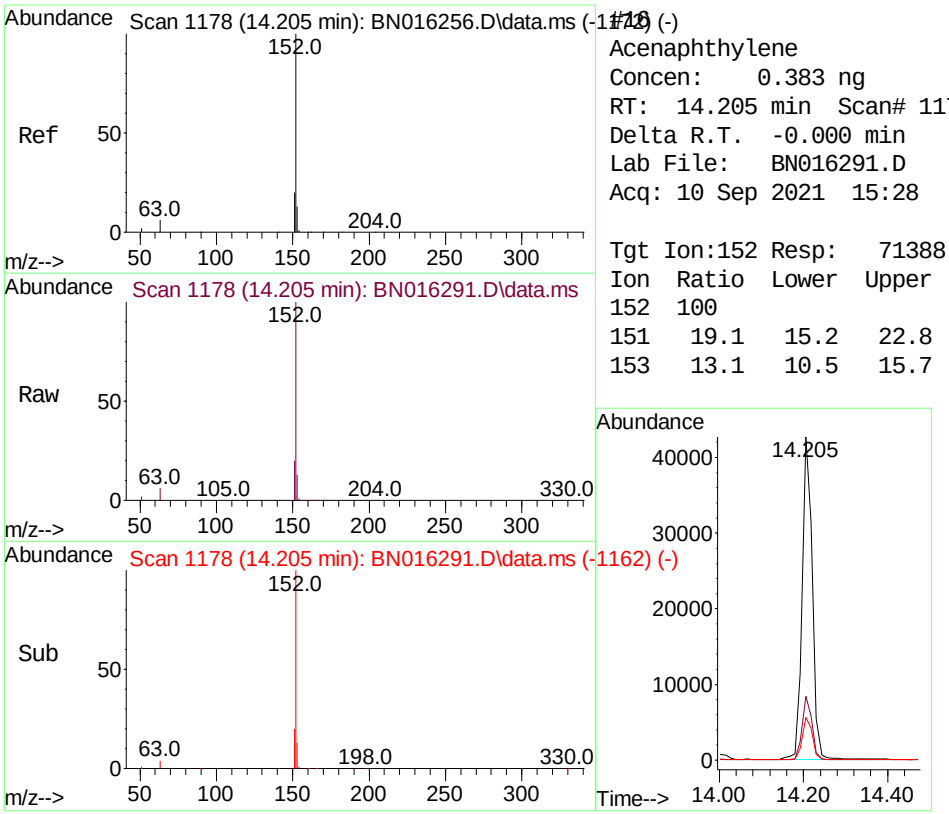
Instrument :
BNA_N
ClientSampleId :
PB138875BS



#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:172 Resp: 63227

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	22.8	18.2	27.2

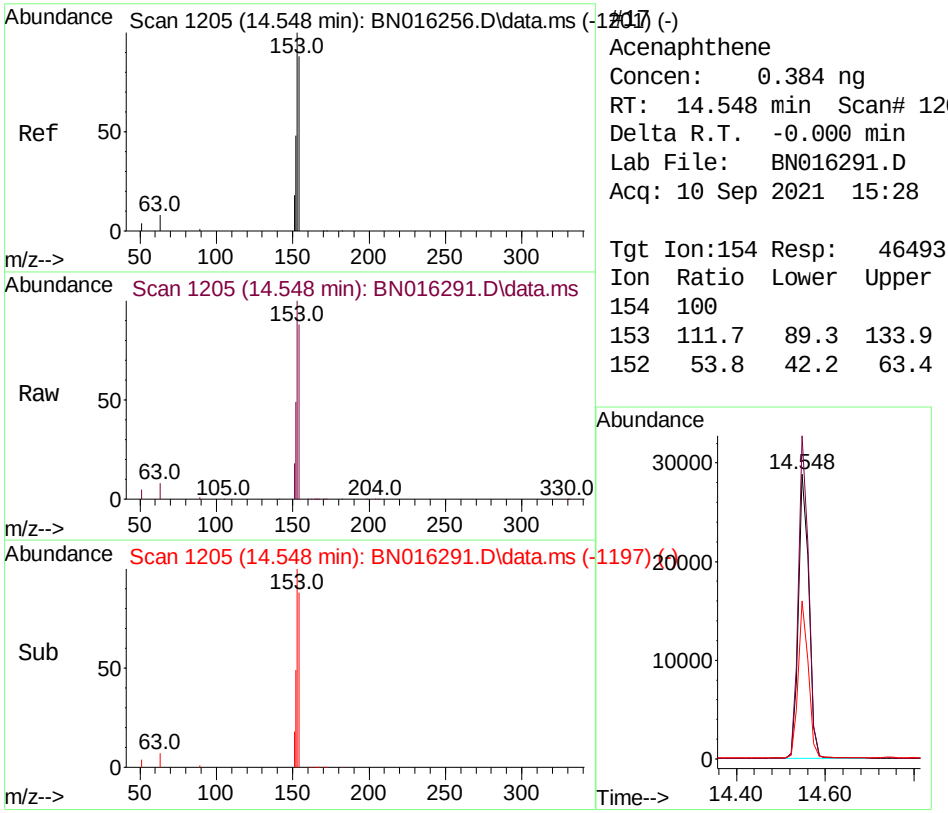


#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.205 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:152 Resp: 71388

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8
153	13.1	10.5	15.7

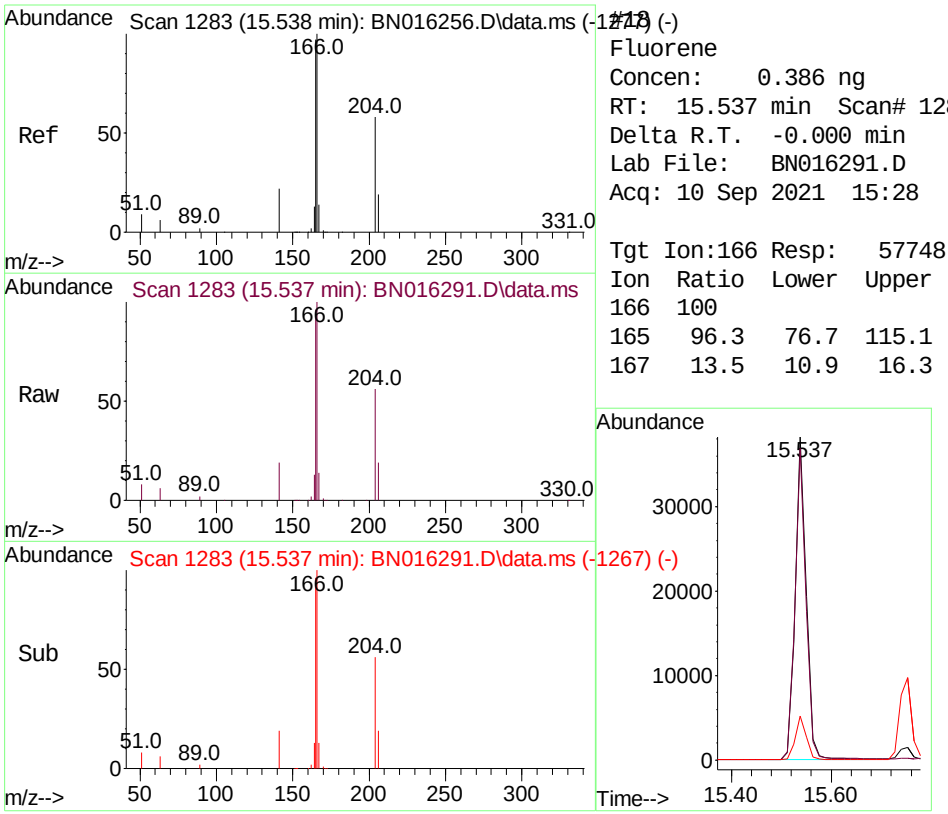
Instrument :
BNA_N
ClientSampleId :
PB138875BS



#117
Acenaphthene
Concen: 0.384 ng
RT: 14.548 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:154 Resp: 46493

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.3	133.9
152	53.8	42.2	63.4

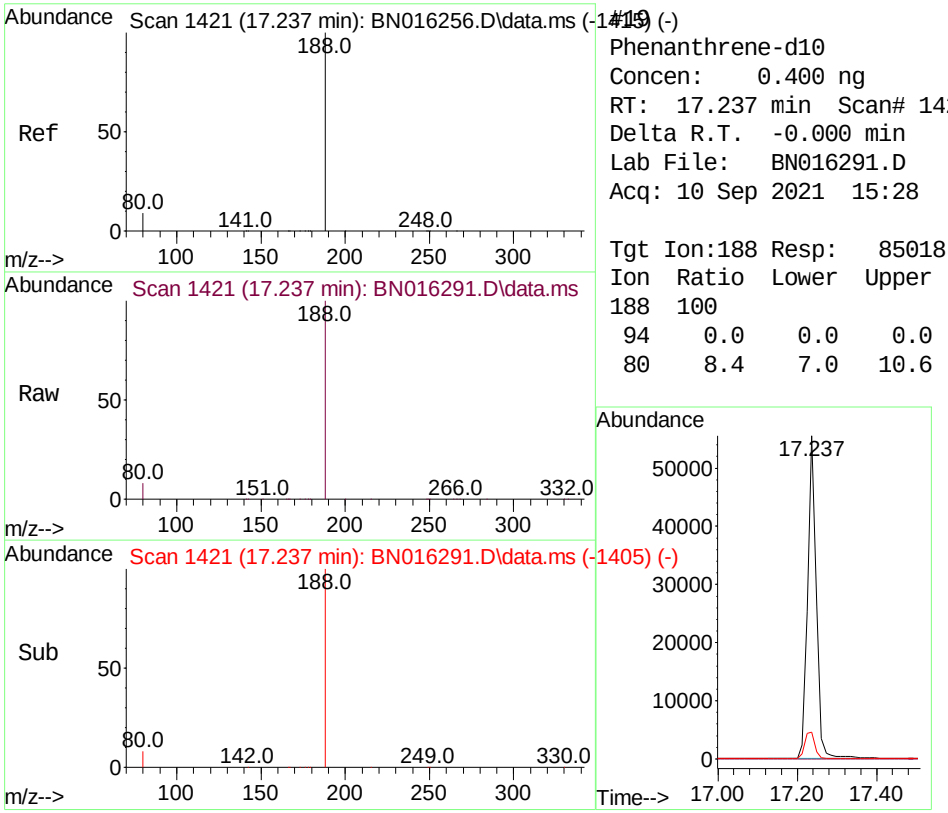


#118
Fluorene
Concen: 0.386 ng
RT: 15.537 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:166 Resp: 57748

Ion	Ratio	Lower	Upper
166	100		
165	96.3	76.7	115.1
167	13.5	10.9	16.3

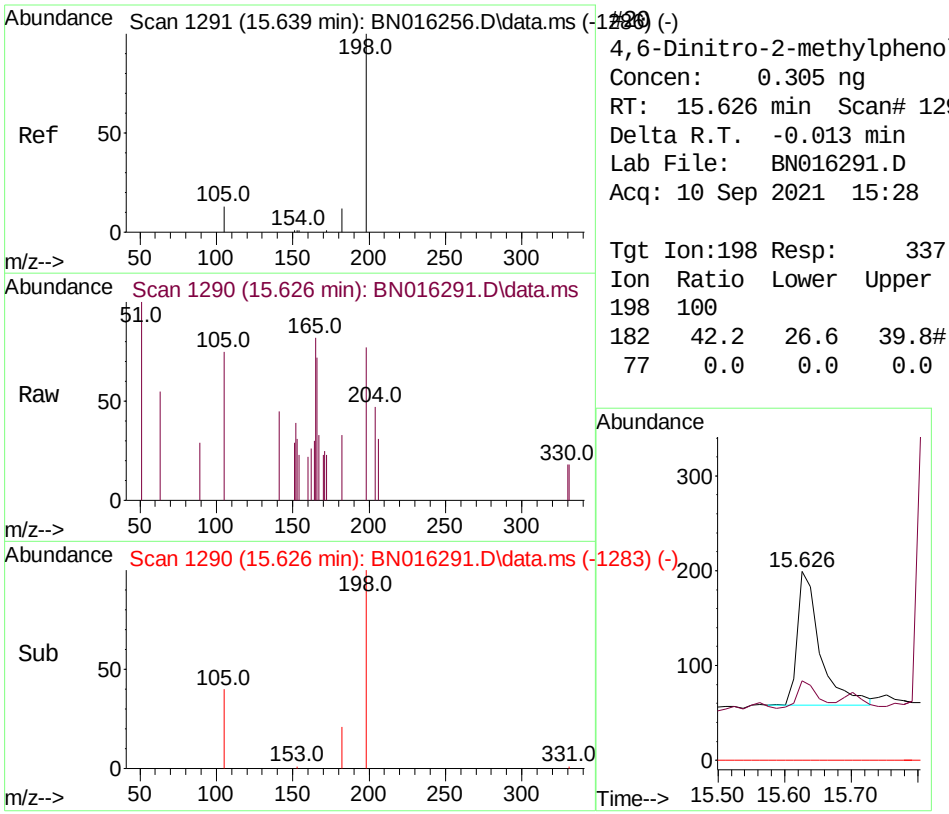
Instrument :
BNA_N
ClientSampleId :
PB138875BS



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:188 Resp: 85018

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	7.0	10.6

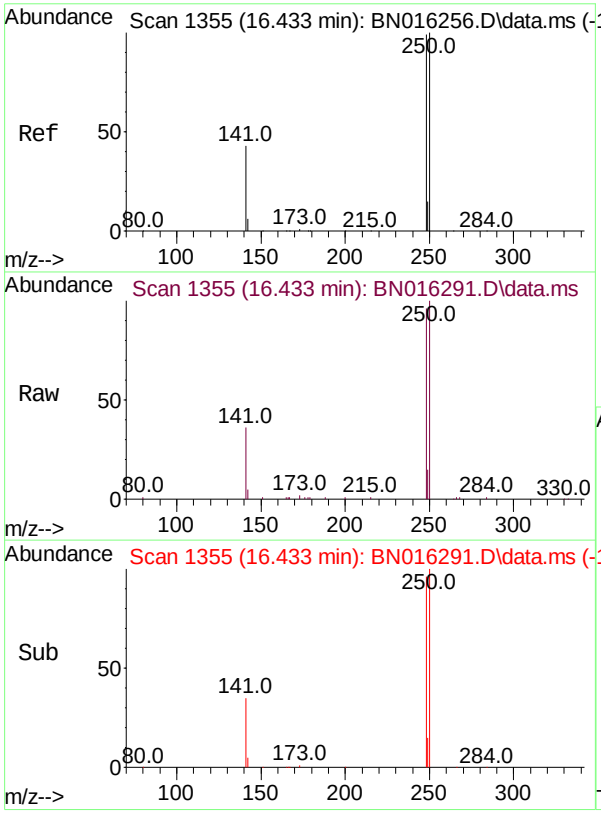


#20
4,6-Dinitro-2-methylphenol
Concen: 0.305 ng
RT: 15.626 min Scan# 1290
Delta R.T. -0.013 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:198 Resp: 337

Ion	Ratio	Lower	Upper
198	100		
182	42.2	26.6	39.8#
77	0.0	0.0	0.0

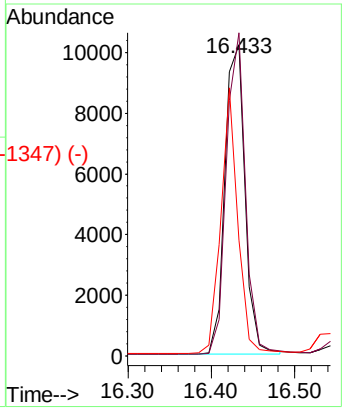
Instrument :
BNA_N
ClientSampleId :
PB138875BS

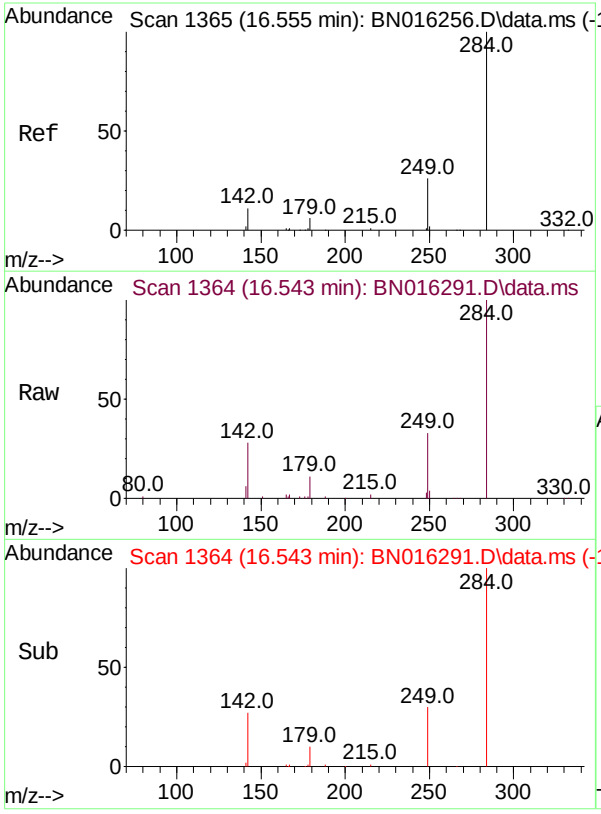


#21
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.433 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:248 Resp: 17383

Ion	Ratio	Lower	Upper
248	100		
250	103.9	80.5	120.7
141	37.3	34.8	52.2

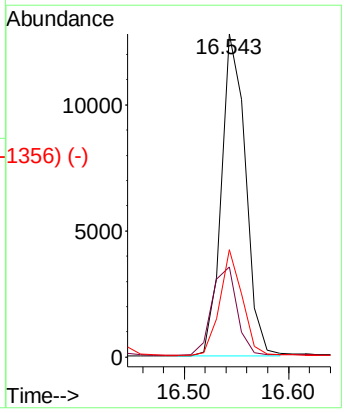




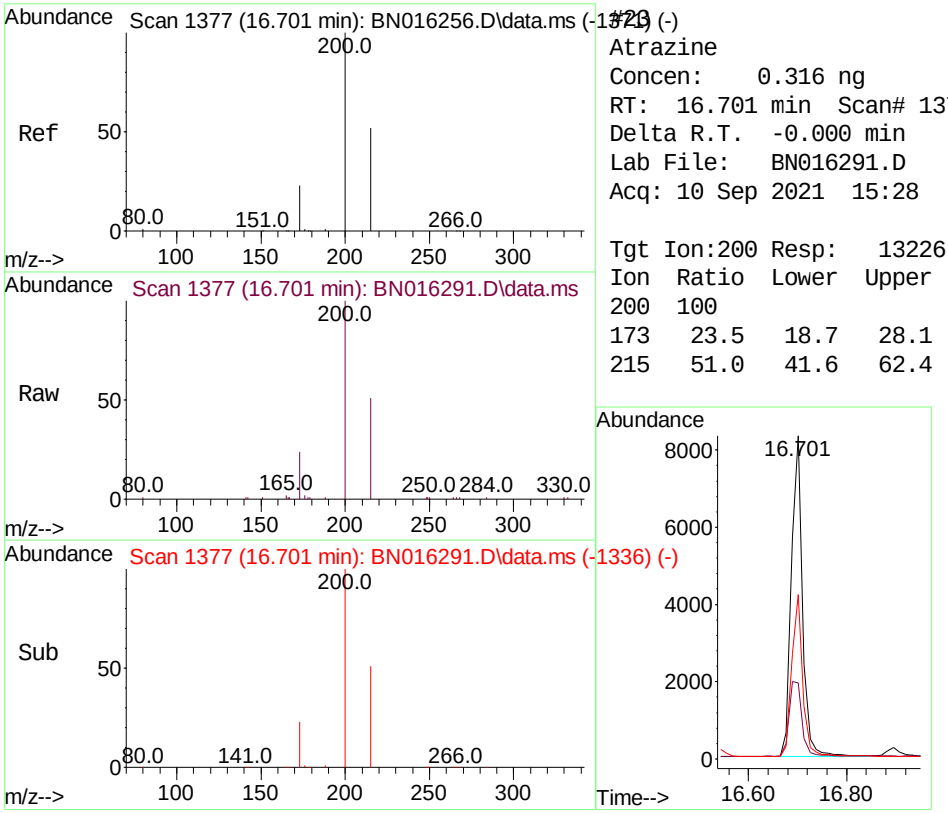
#22
Hexachlorobenzene
Concen: 0.380 ng
RT: 16.543 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:284 Resp: 20717

Ion	Ratio	Lower	Upper
284	100		
142	28.3	22.6	34.0
249	30.1	24.4	36.6



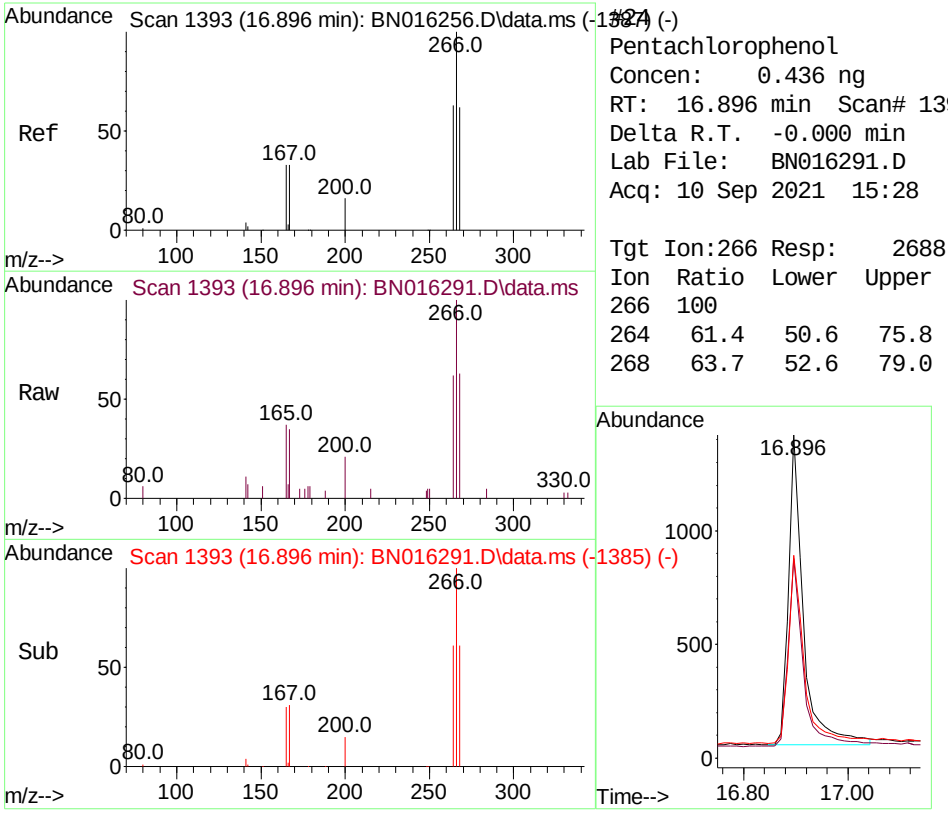
Instrument :
BNA_N
ClientSampleId :
PB138875BS



#20
Atrazine
Concen: 0.316 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:200 Resp: 13226

Ion	Ratio	Lower	Upper
200	100		
173	23.5	18.7	28.1
215	51.0	41.6	62.4

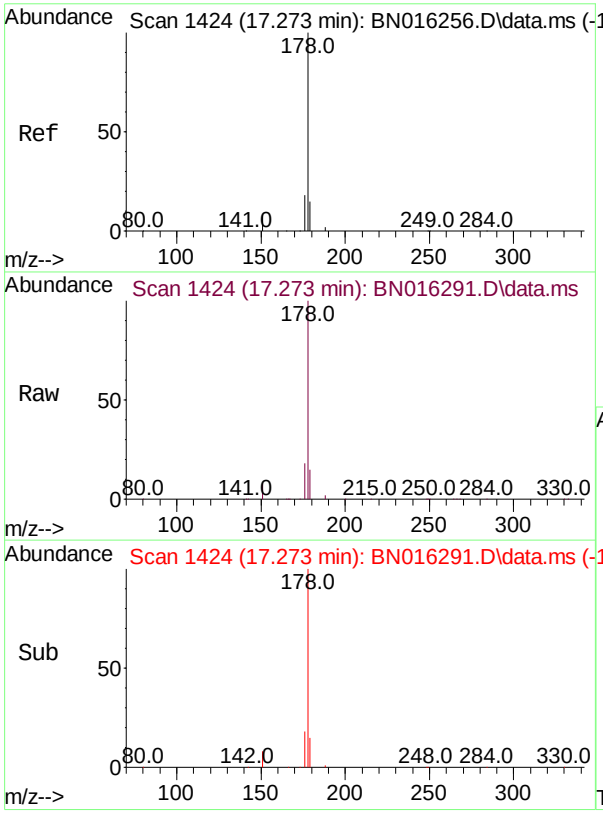


#24
Pentachlorophenol
Concen: 0.436 ng
RT: 16.896 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:266 Resp: 2688

Ion	Ratio	Lower	Upper
266	100		
264	61.4	50.6	75.8
268	63.7	52.6	79.0

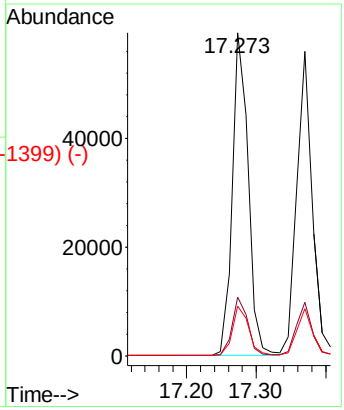
Instrument :
BNA_N
ClientSampleId :
PB138875BS

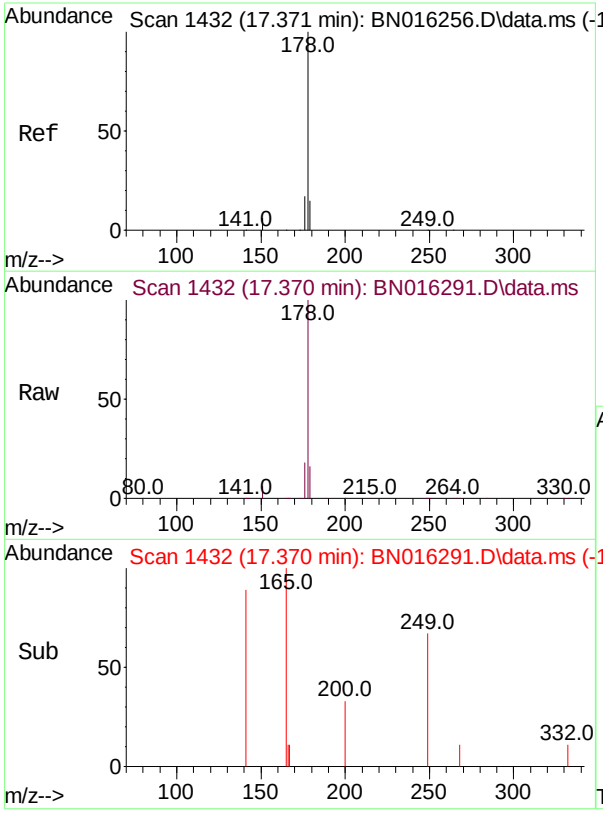


#25
Phenanthrene
Concen: 0.386 ng
RT: 17.273 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:178 Resp: 95189

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.7	12.2	18.4

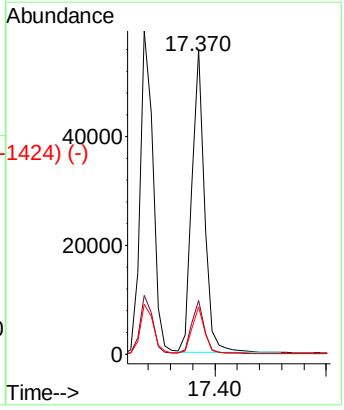




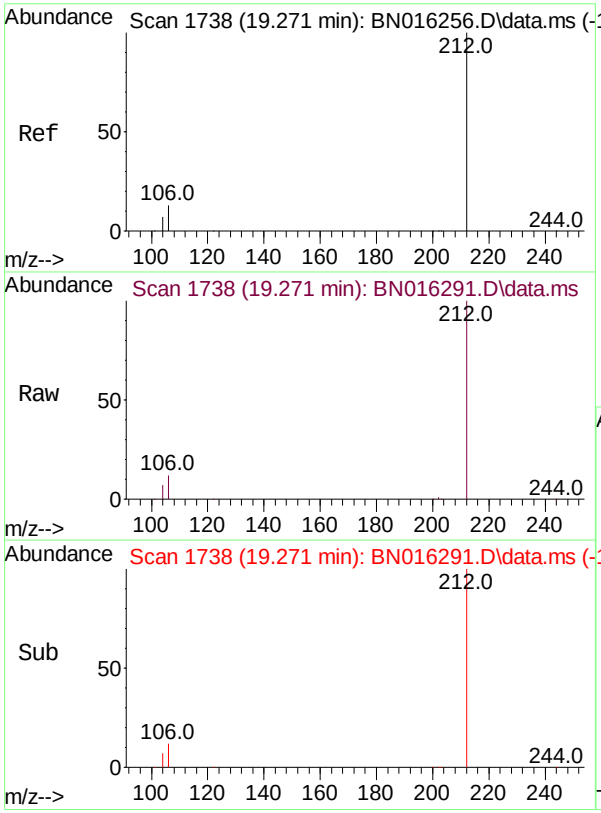
#26
Anthracene
Concen: 0.382 ng
RT: 17.370 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:178 Resp: 86711

Ion	Ratio	Lower	Upper
178	100		
176	17.5	13.9	20.9
179	15.4	12.2	18.4



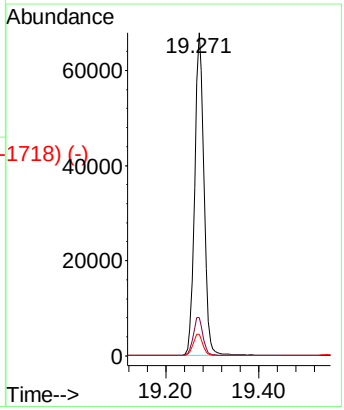
Instrument :
BNA_N
ClientSampleId :
PB138875BS

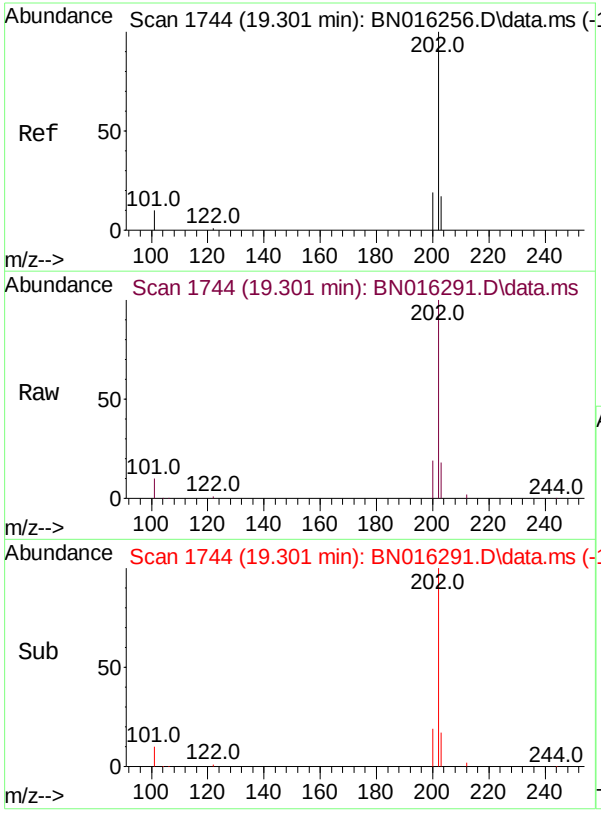


#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.271 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:212 Resp: 94491

Ion	Ratio	Lower	Upper
212	100		
106	12.2	9.8	14.6
104	6.9	5.4	8.2

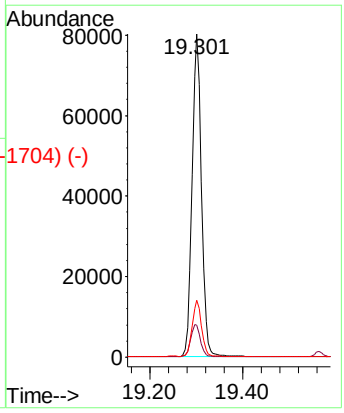




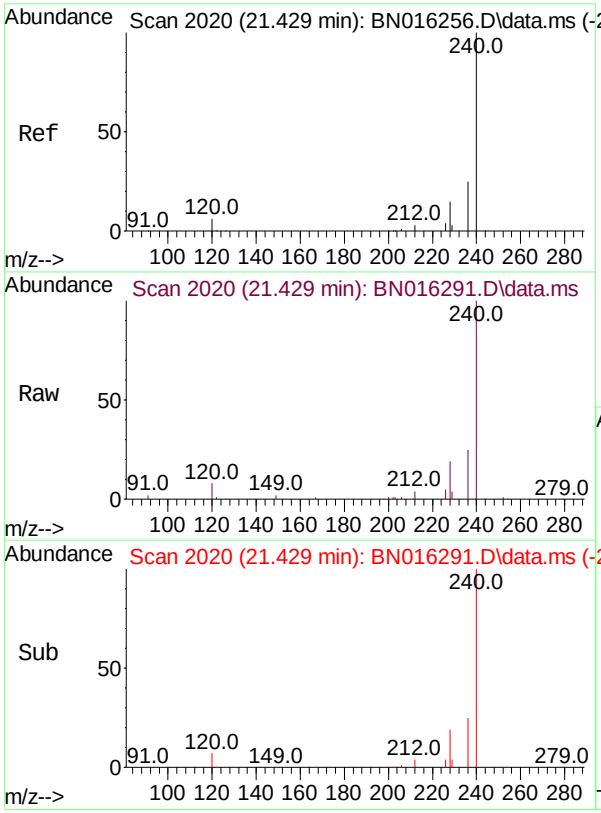
#28
Fluoranthene
Concen: 0.386 ng
RT: 19.301 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:202 Resp: 111951

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.5	12.7
203	17.3	13.8	20.8



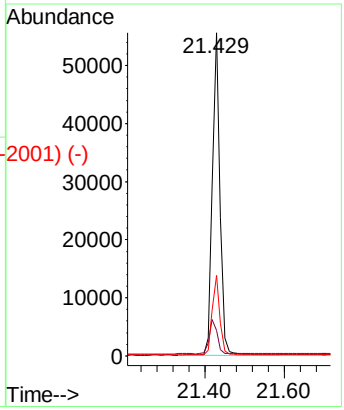
Instrument :
BNA_N
ClientSampleId :
PB138875BS

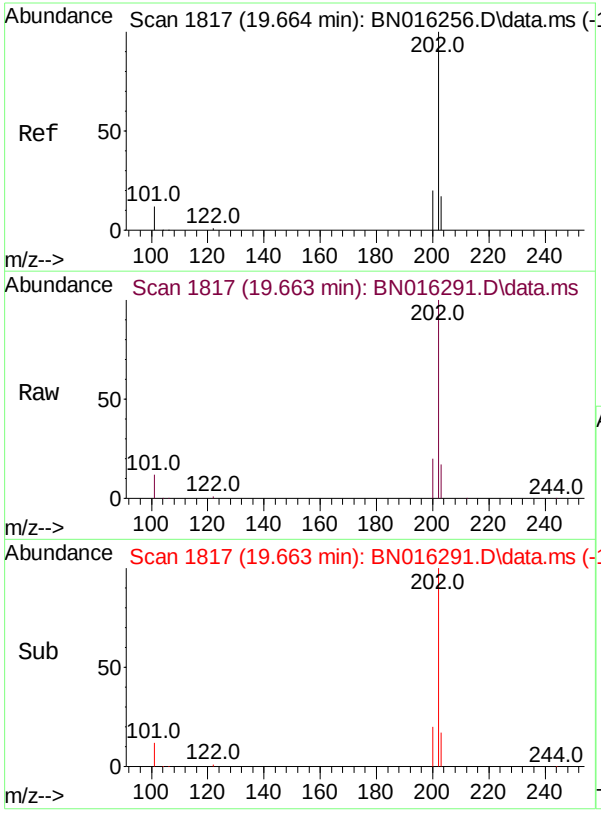


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:240 Resp: 74070

Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.3	7.9
236	25.0	19.8	29.8

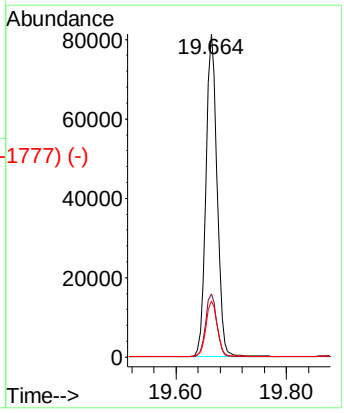




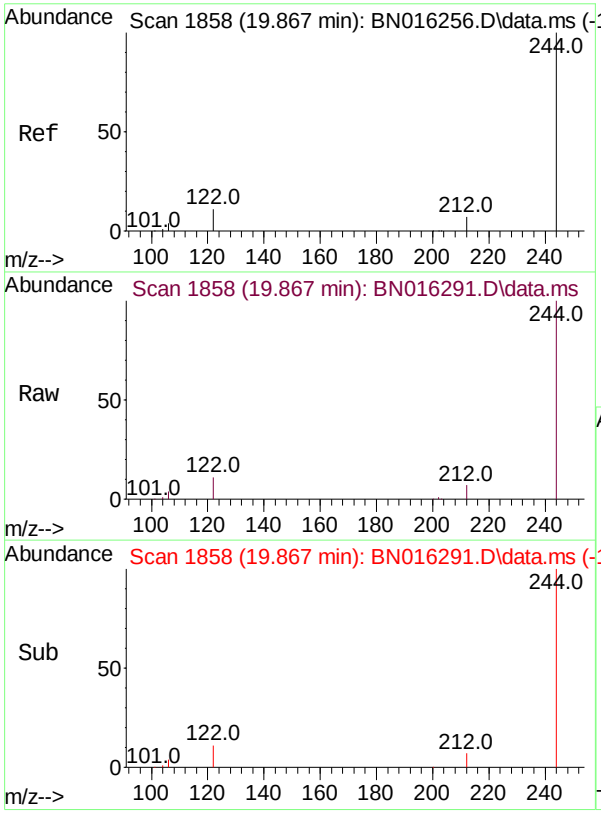
#30
Pyrene
Concen: 0.450 ng
RT: 19.663 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:202 Resp: 112973

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.6
203	17.6	13.9	20.9



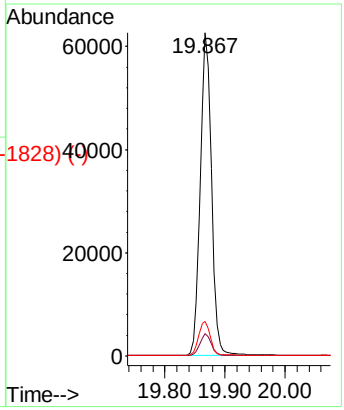
Instrument :
BNA_N
ClientSampleId :
PB138875BS

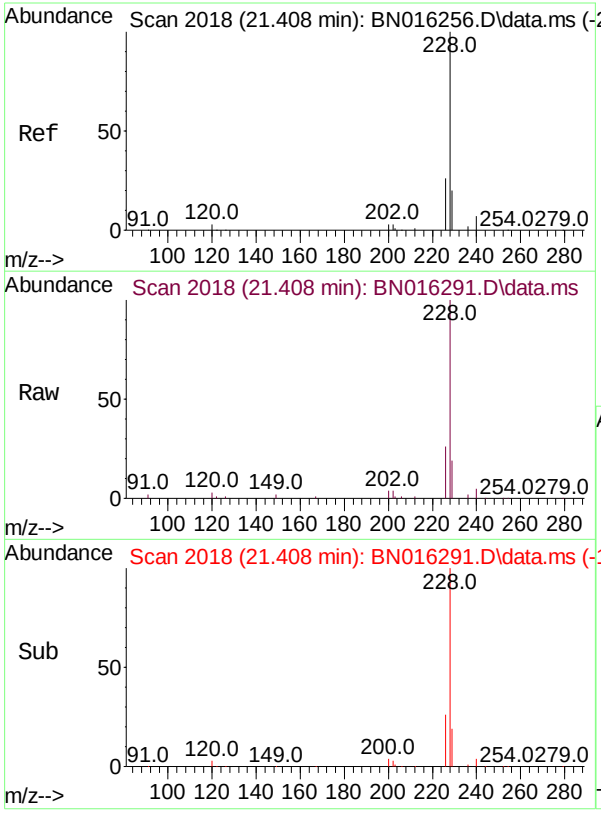


#31
Terphenyl-d14
Concen: 0.439 ng
RT: 19.867 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:244 Resp: 81556

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	10.8	9.0	13.4

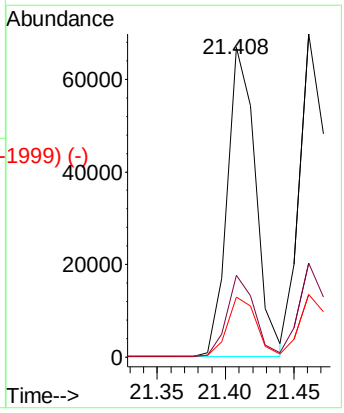




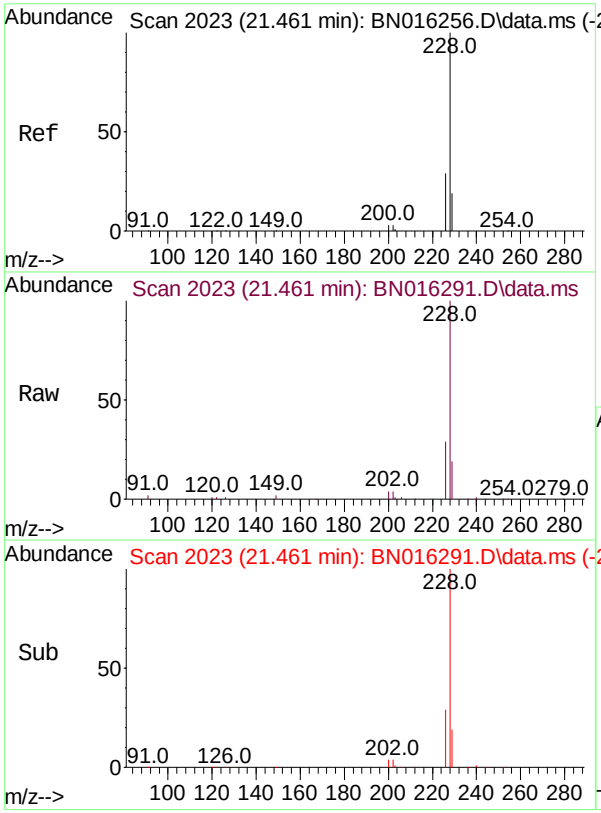
#32
Benzo(a)anthracene
Concen: 0.418 ng
RT: 21.408 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:228 Resp: 96525

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.8	31.2
229	19.4	15.8	23.6



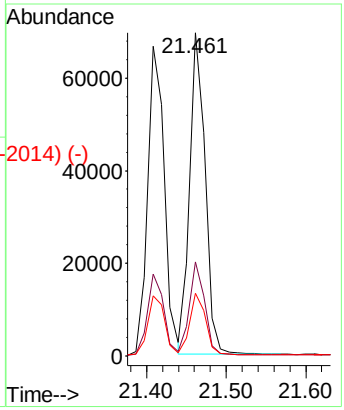
Instrument :
BNA_N
ClientSampleId :
PB138875BS

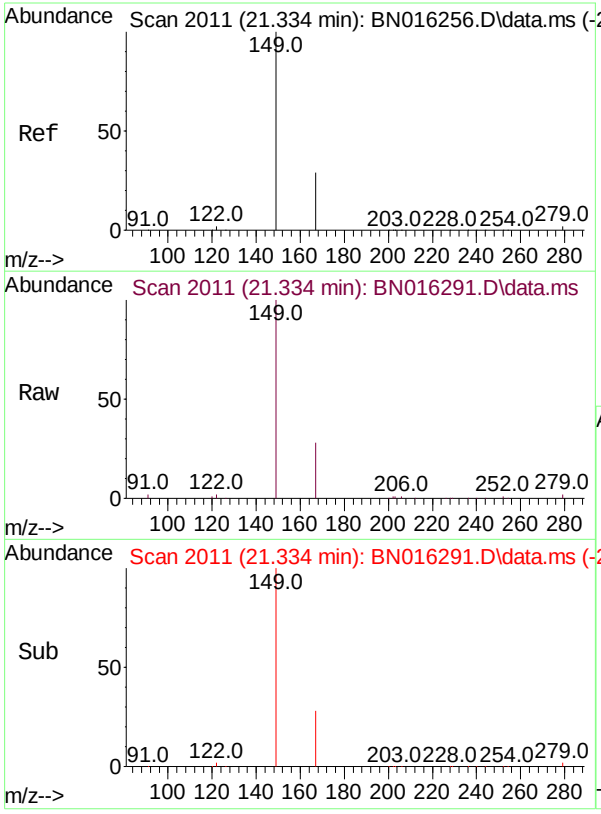


#30
Chrysene
Concen: 0.410 ng
RT: 21.461 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:228 Resp: 93739

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.4
229	19.3	15.6	23.4

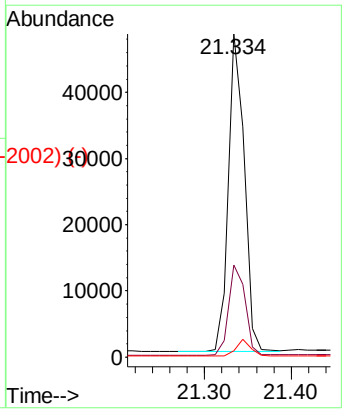




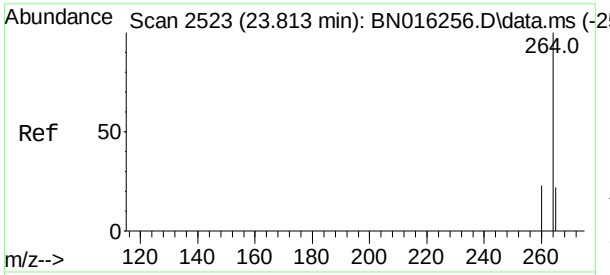
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.427 ng
RT: 21.334 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:149 Resp: 60624

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.4	35.0
279	4.8	3.9	5.9



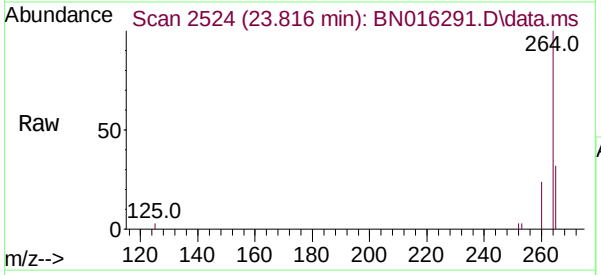
Instrument :
BNA_N
ClientSampleId :
PB138875BS

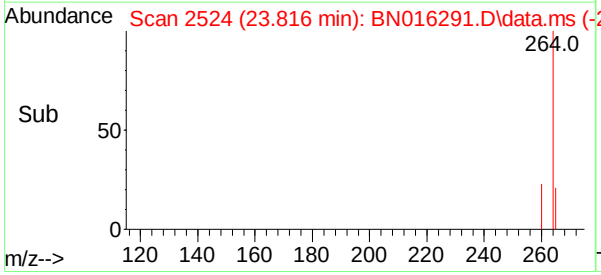


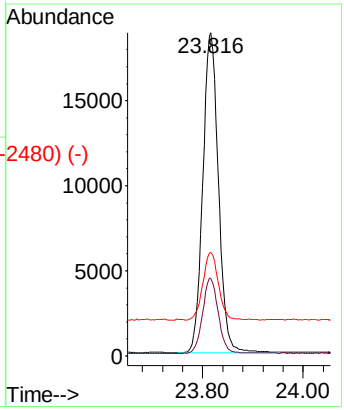
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.816 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

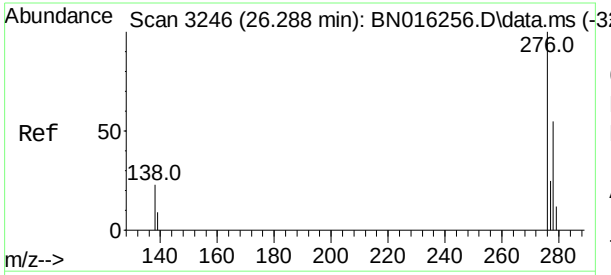
Tgt Ion:264 Resp: 40763

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	32.1	23.7	35.5





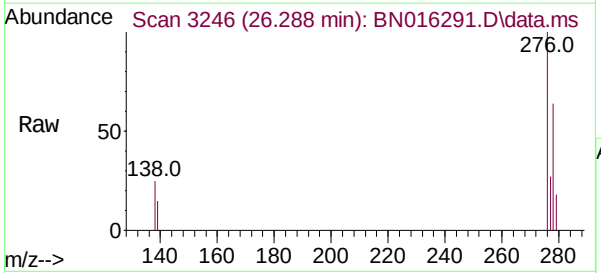


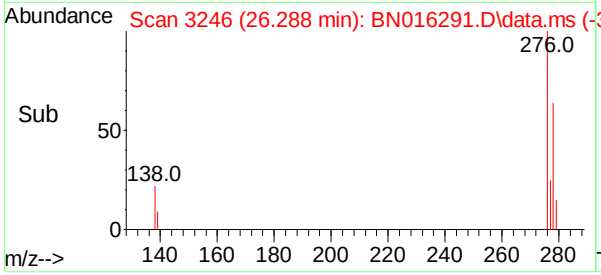


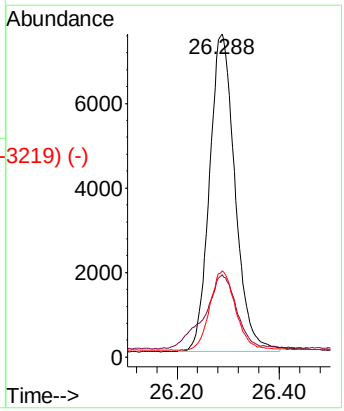
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng
RT: 26.288 min Scan# 3246
Delta R.T. -0.007 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:276 Resp: 25922

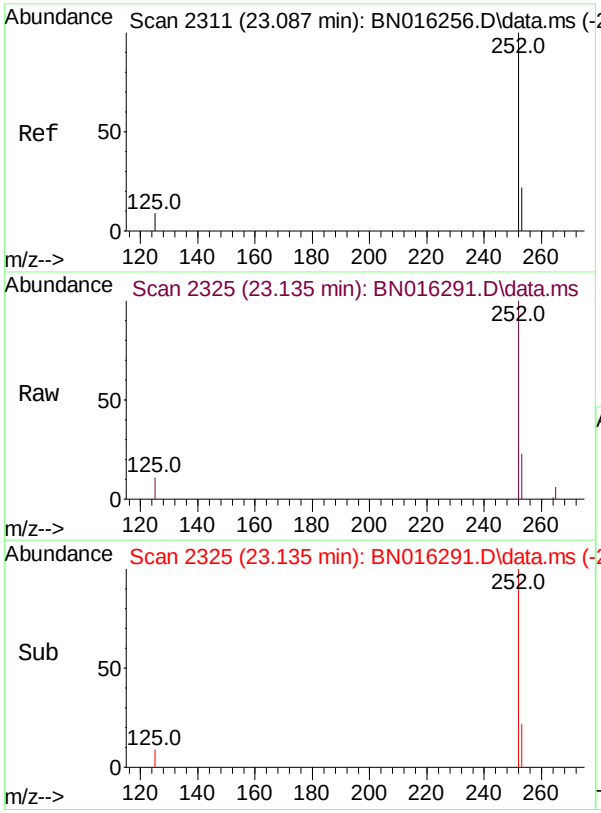
Ion	Ratio	Lower	Upper
276	100		
138	26.8	19.3	28.9
277	25.1	20.2	30.2







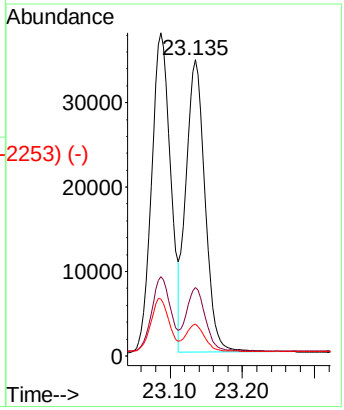
Instrument :
BNA_N
ClientSampleId :
PB138875BS

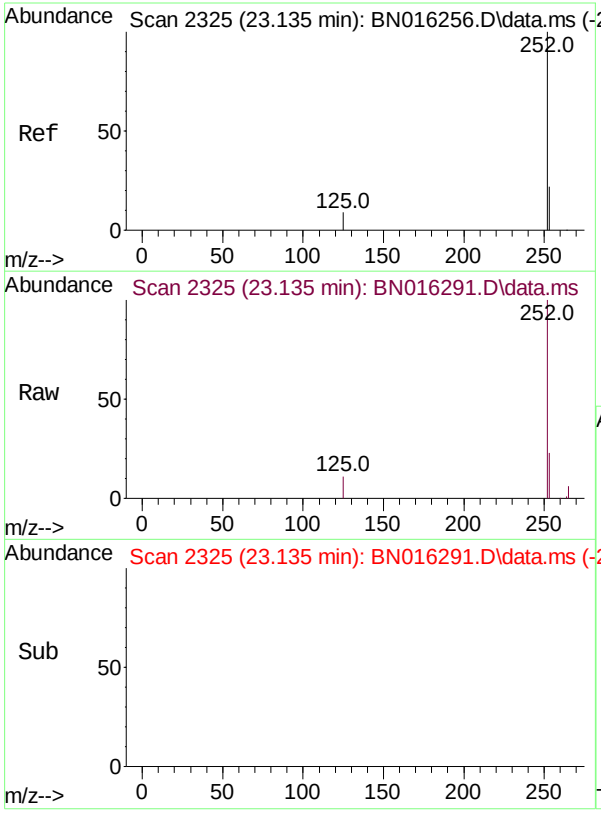


#37
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 23.135 min Scan# 2325
Delta R.T. 0.048 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:252 Resp: 63420

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	10.7	8.4	12.6

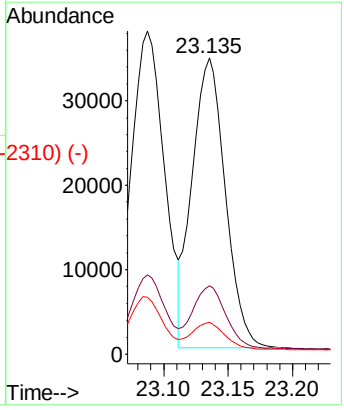




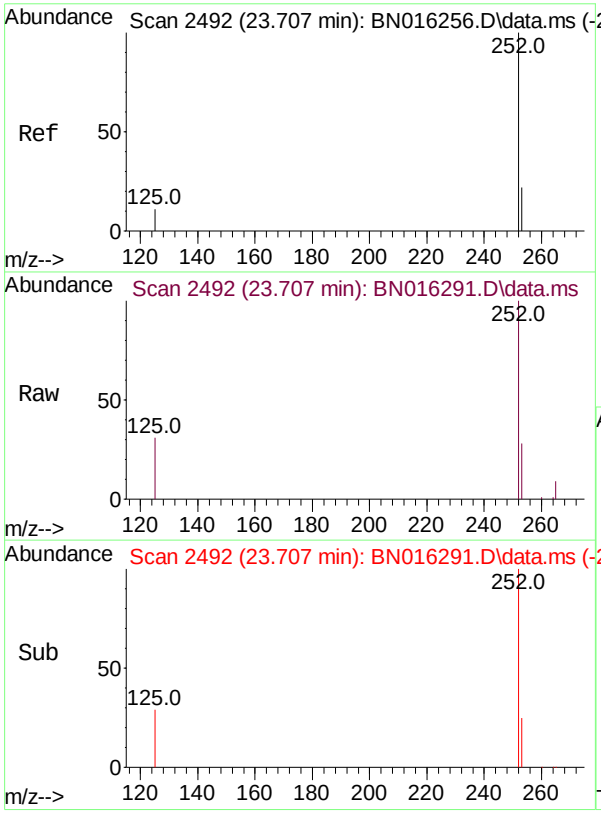
#38
Benzo(k)fluoranthene
Concen: 0.438 ng
RT: 23.135 min Scan# 2325
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:252 Resp: 61442

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	10.7	8.2	12.4



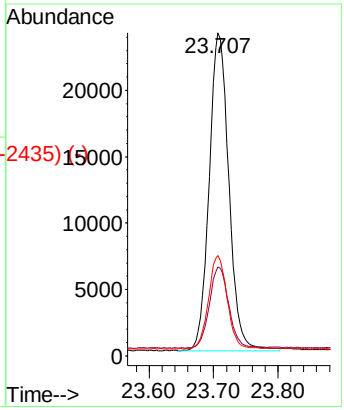
Instrument :
BNA_N
ClientSampleId :
PB138875BS

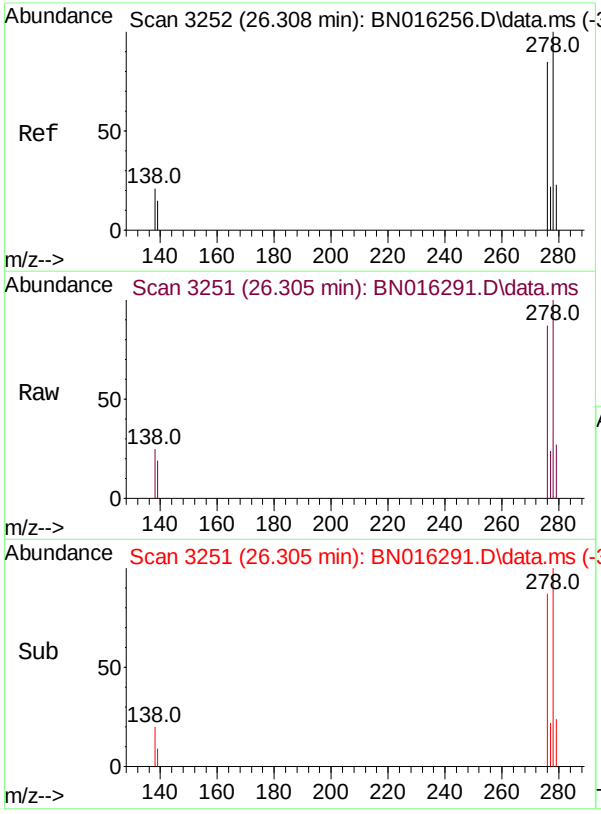


#39
Benzo(a)pyrene
Concen: 0.433 ng
RT: 23.707 min Scan# 2492
Delta R.T. -0.003 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:252 Resp: 50683

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.7	28.1
125	31.0	9.9	14.9#

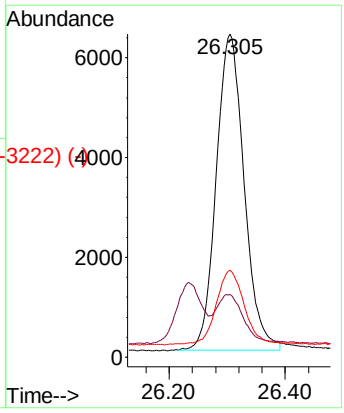


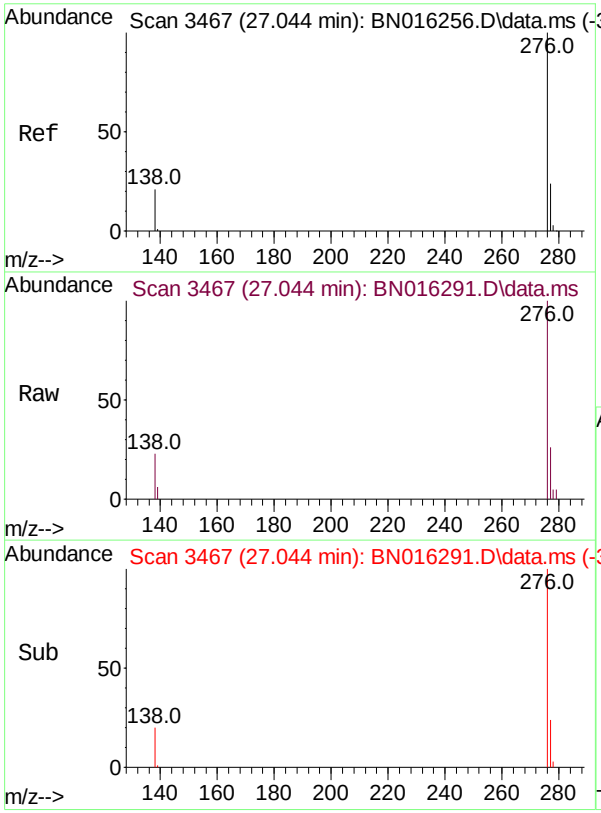


#40
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 26.305 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:278 Resp: 21020

Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.2	21.2
279	27.0	21.3	31.9

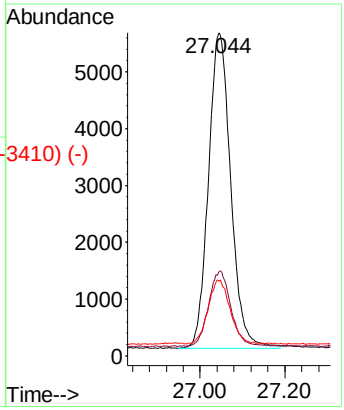




#42
Benzo(g,h,i)perylene
Concen: 0.360 ng
RT: 27.044 min Scan# 3467
Delta R.T. -0.003 min
Lab File: BN016291.D
Acq: 10 Sep 2021 15:28

Tgt Ion:276 Resp: 20299

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.5	30.7
138	23.2	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
PB138875BS