Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016294.D
Acq On : 10 Sep 2021 17:19
Operator : CG/JU
Sample : PB138988BSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB138988BSD

Quant Time: Sep 11 02:30:15 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	10996	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	55340	0.400	ng	0.00
13) Acenaphthene-d10	14.484	164	31391	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	64388	0.400	ng	0.00
29) Chrysene-d12	21.429	240	52858	0.400	ng	0.00
35) Perylene-d12	23.813	264	26824	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	10819	0.386	ng	0.00
5) Phenol-d6	7.043	99	13511	0.385	ng	0.00
8) Nitrobenzene-d5	9.025	82	16415	0.369	ng	0.01
11) 2-Methylnaphthalene-d10	12.247	152	32913	0.381	ng	0.00
14) 2,4,6-Tribromophenol	15.981	330	4627	0.359	ng	0.00
15) 2-Fluorobiphenyl	13.114	172	47774	0.389	ng	0.00
27) Fluoranthene-d10	19.271	212	70102	0.371	ng	0.00
31) Terphenyl-d14	19.867	244	60469	0.456	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	1241	0.318	ng	# 95
3) n-Nitrosodimethylamine	3.742	42	2572	0.318	ng	# 97
6) bis(2-Chloroethyl)ether	7.292	93	11499	0.397	ng	99
9) Naphthalene	10.711	128	57113	0.386	ng	100
10) Hexachlorobutadiene	10.989	225	11365	0.377	ng	# 100
12) 2-Methylnaphthalene	12.318	142	39244	0.394	ng	100
16) Acenaphthylene	14.205	152	53132	0.378	ng	100
17) Acenaphthene	14.548	154	35142	0.385	ng	99
18) Fluorene	15.537	166	43577	0.386	ng	99
20) 4,6-Dinitro-2-methylph...	15.639	198	177	0.276	ng	# 68
21) 4-Bromophenyl-phenylether	16.433	248	13206	0.383	ng	97
22) Hexachlorobenzene	16.543	284	15729	0.381	ng	99
23) Atrazine	16.701	200	9383	0.296	ng	98
24) Pentachlorophenol	16.896	266	1692	0.385	ng	98
25) Phenanthrene	17.273	178	71401	0.382	ng	99
26) Anthracene	17.370	178	64824	0.377	ng	100
28) Fluoranthene	19.301	202	83875	0.382	ng	100
30) Pyrene	19.663	202	83191	0.464	ng	100
32) Benzo(a)anthracene	21.408	228	68294	0.414	ng	99
33) Chrysene	21.461	228	66532	0.407	ng	100
34) Bis(2-ethylhexyl)phtha...	21.333	149	45273	0.446	ng	100
36) Indeno(1,2,3-cd)pyrene	26.288	276	15875	0.356	ng	97
37) Benzo(b)fluoranthene	23.135	252	41850	0.404	ng	98
38) Benzo(k)fluoranthene	23.135	252	40289	0.436	ng	98
39) Benzo(a)pyrene	23.707	252	33597	0.436	ng	# 73
40) Dibenzo(a,h)anthracene	26.305	278	12595	0.369	ng	96
41) Benzo(g,h,i)perylene	27.041	276	12736	0.344	ng	97

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

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Instrument :
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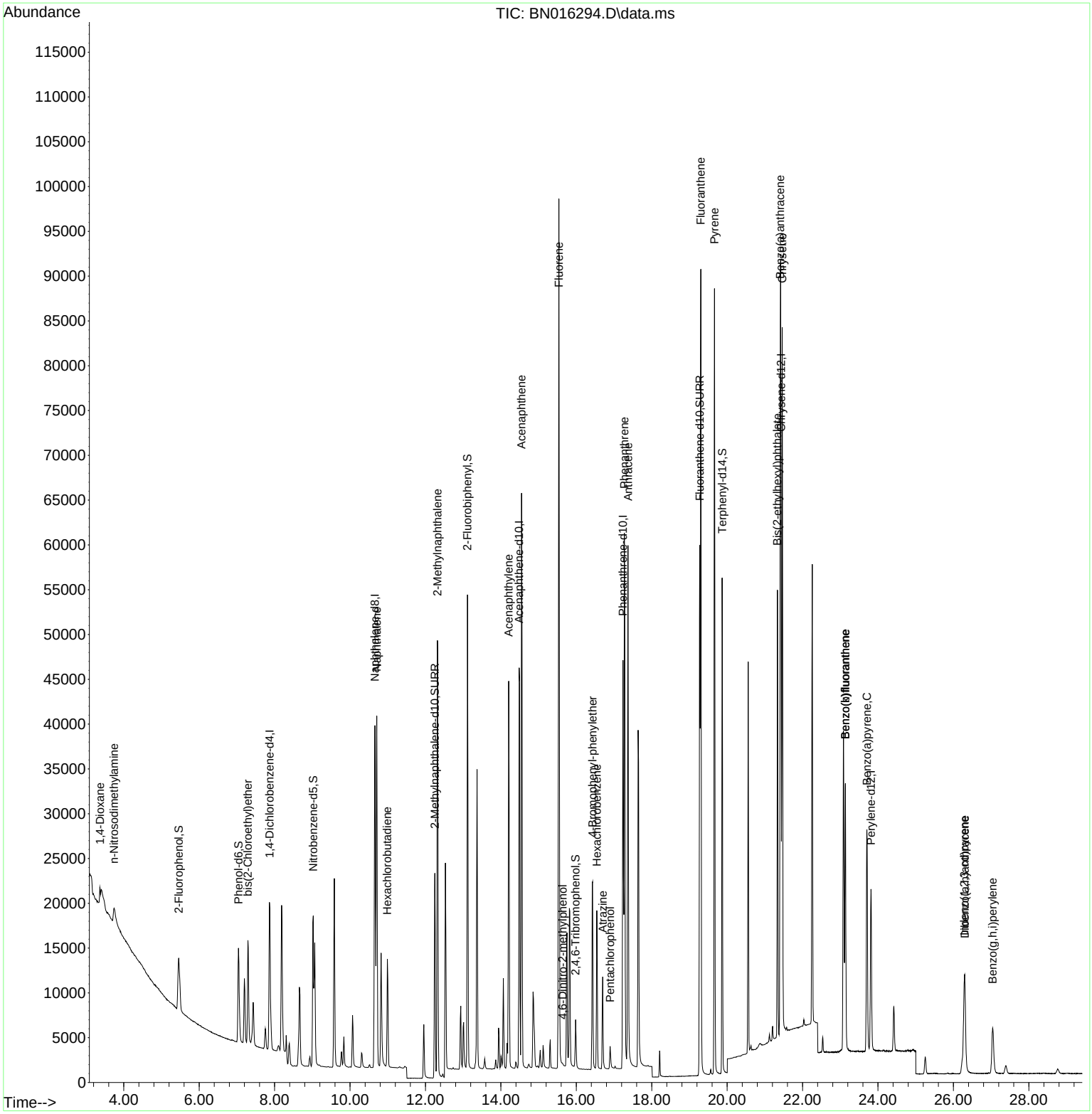
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 10 14:34:37 2021
Response via : Initial Calibration



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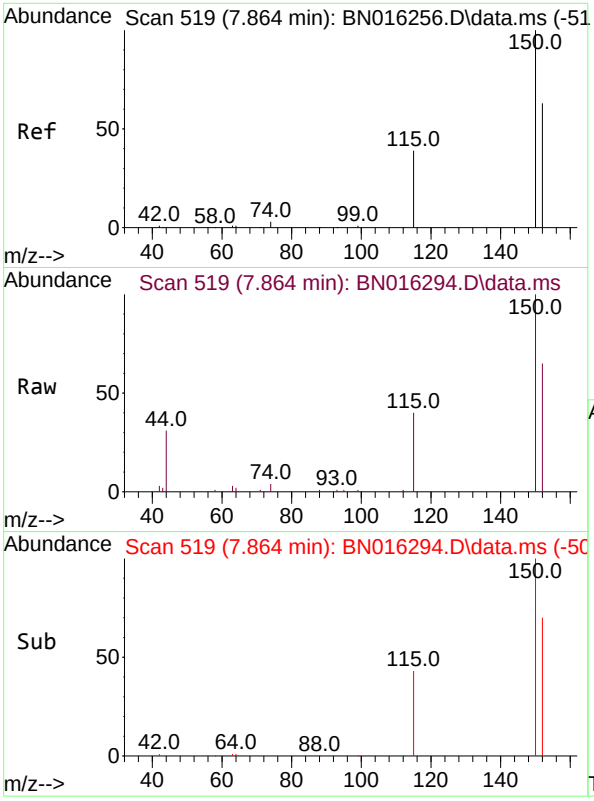
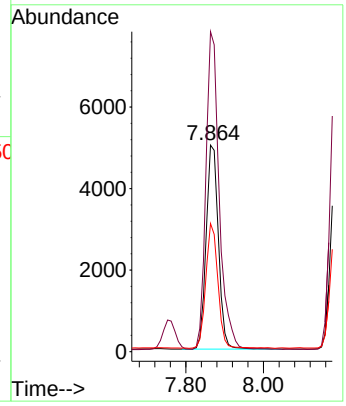
PB138988BSD

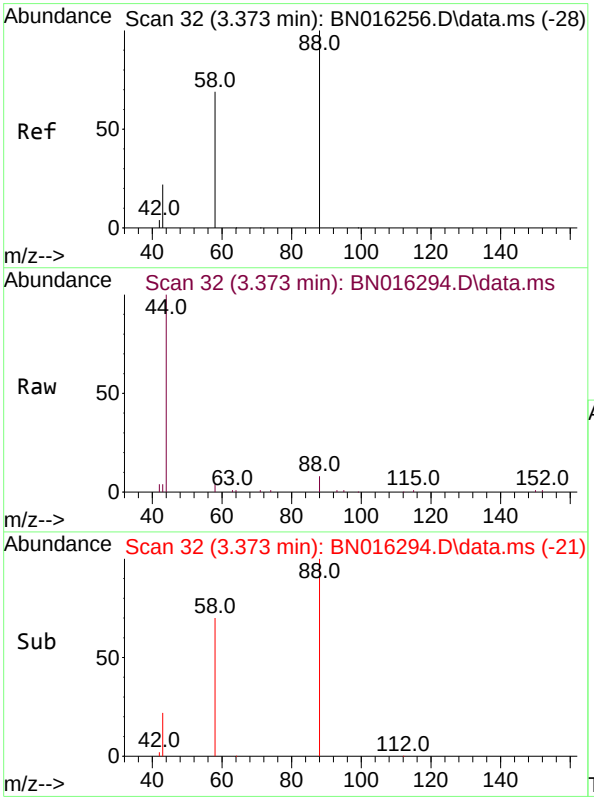


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:152 Resp: 10996

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.6	188.4
115	62.0	50.2	75.2

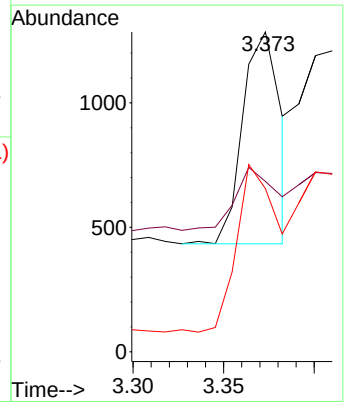




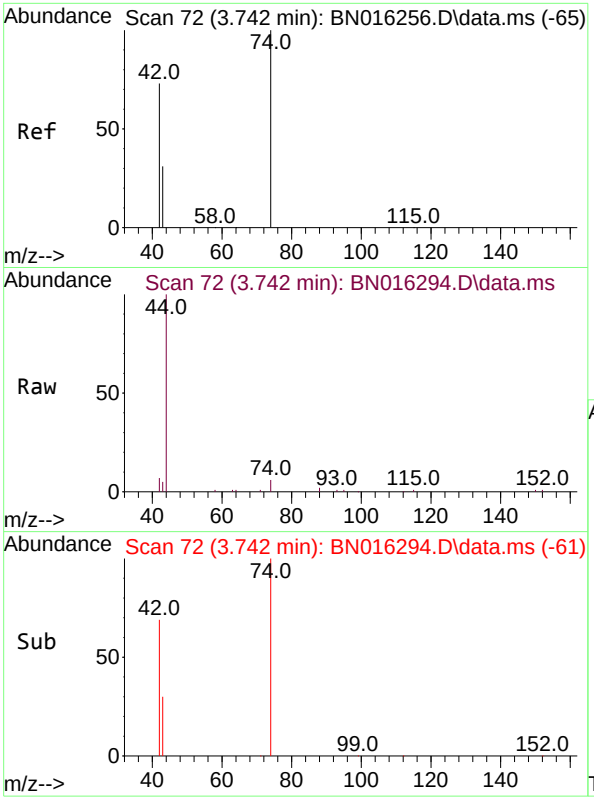
#2
1,4-Dioxane
Concen: 0.318 ng
RT: 3.373 min Scan# 32
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion: 88 Resp: 1241

Ion	Ratio	Lower	Upper
88	100		
43	31.6	20.3	30.5#
58	85.1	69.9	104.9



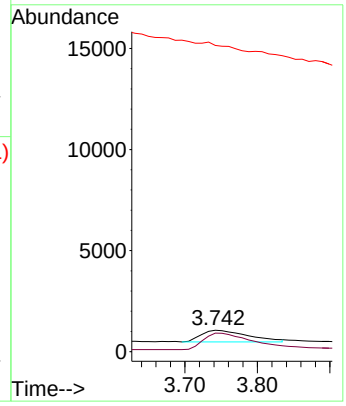
Instrument :
BNA_N
ClientSampleId :
PB138988BSD

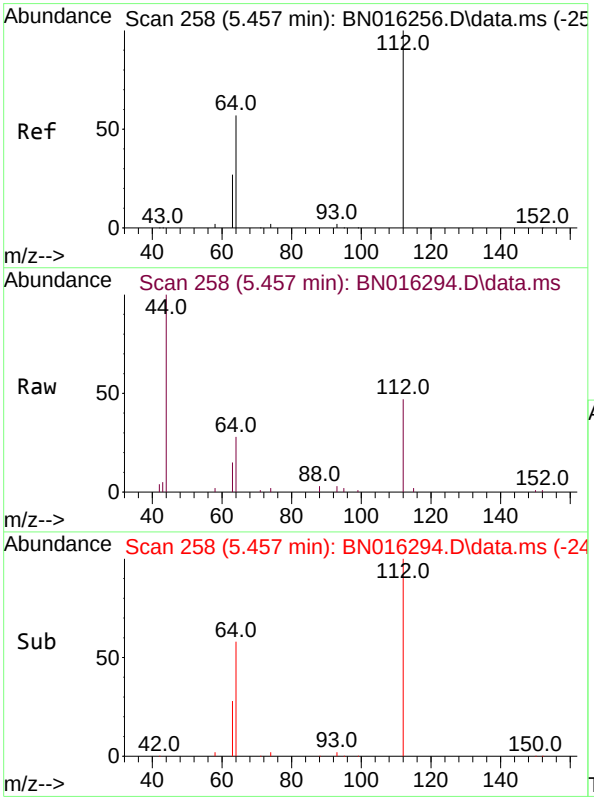


#3
n-Nitrosodimethylamine
Concen: 0.318 ng
RT: 3.742 min Scan# 72
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion: 42 Resp: 2572

Ion	Ratio	Lower	Upper
42	100		
74	145.6	113.6	170.4
44	0.0	0.0	0.0

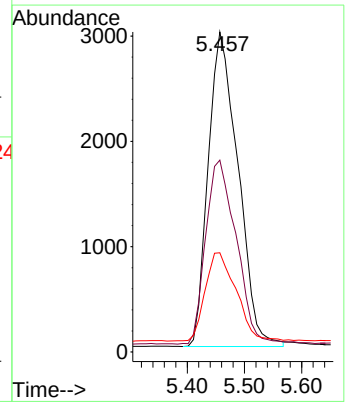




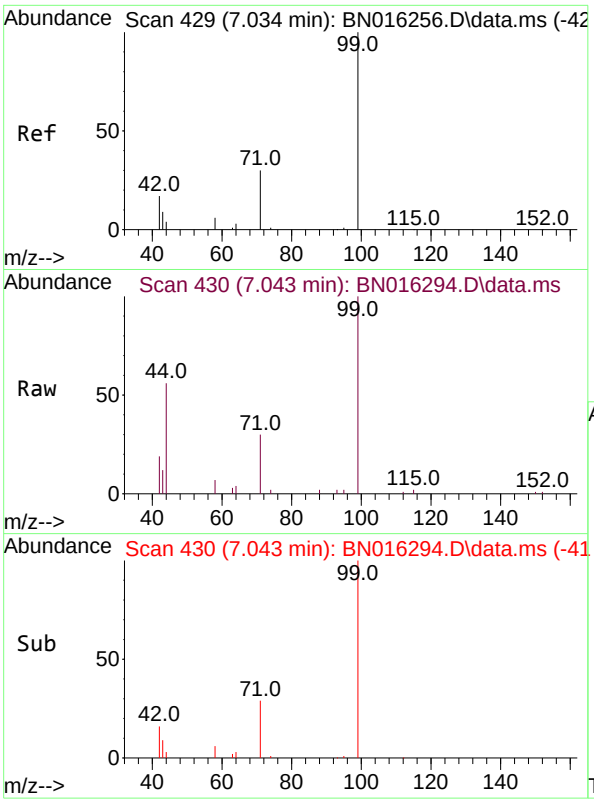
#4
2-Fluorophenol
Concen: 0.386 ng
RT: 5.457 min Scan# 258
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:112 Resp: 10819

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.3	70.9
63	28.9	23.4	35.0



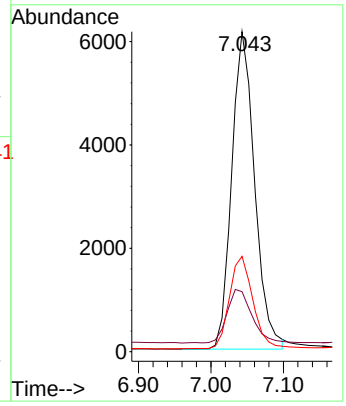
Instrument :
BNA_N
ClientSampleId :
PB138988BSD

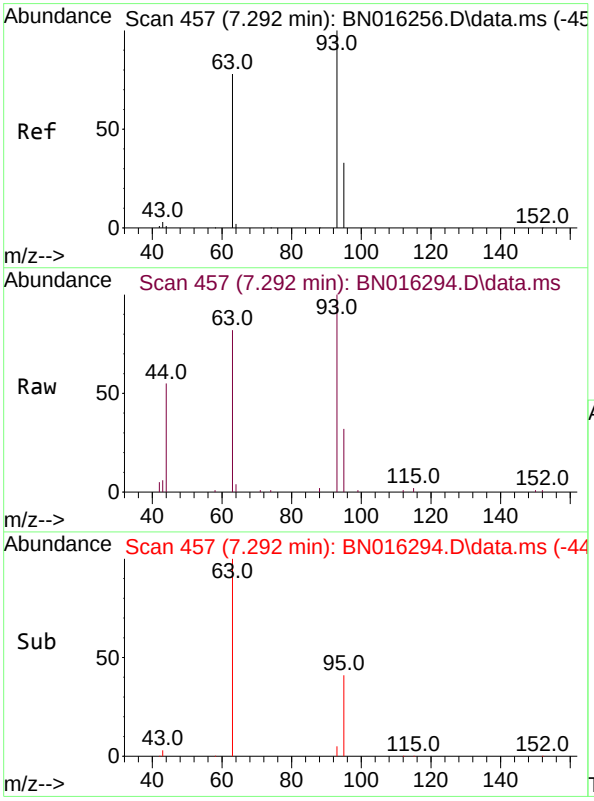


#5
Phenol-d6
Concen: 0.385 ng
RT: 7.043 min Scan# 430
Delta R.T. 0.009 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion: 99 Resp: 13511

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.0	21.0
71	29.7	23.8	35.6

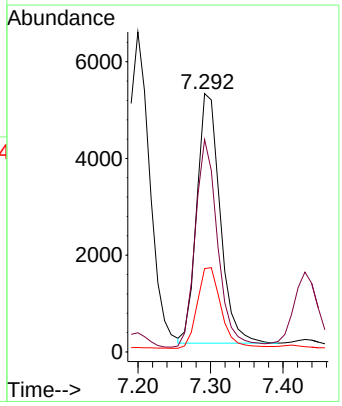




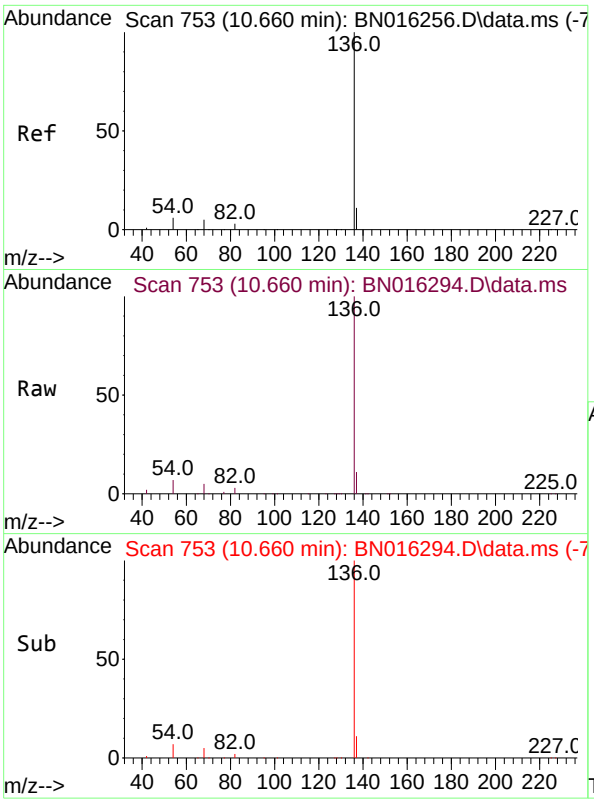
#6
bis(2-Chloroethyl)ether
Concen: 0.397 ng
RT: 7.292 min Scan# 457
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion: 93 Resp: 11499

Ion	Ratio	Lower	Upper
93	100		
63	80.6	63.4	95.0
95	33.4	26.8	40.2



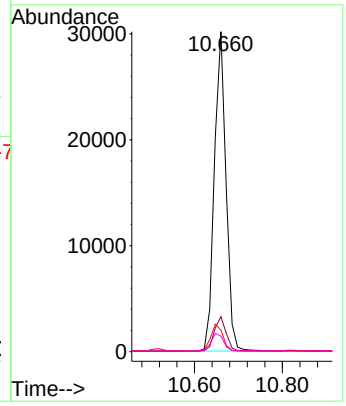
Instrument :
BNA_N
ClientSampleId :
PB138988BSD

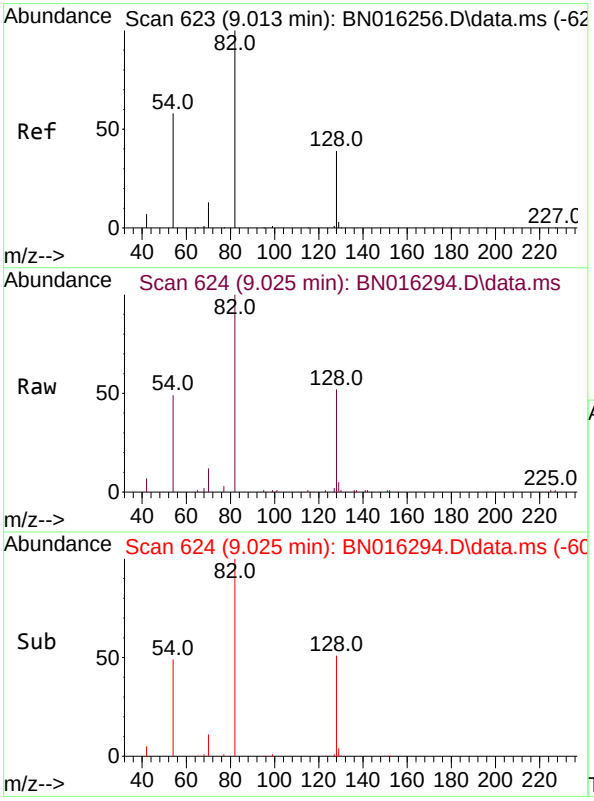


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:136 Resp: 55340

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.3	7.9
68	4.9	3.9	5.9

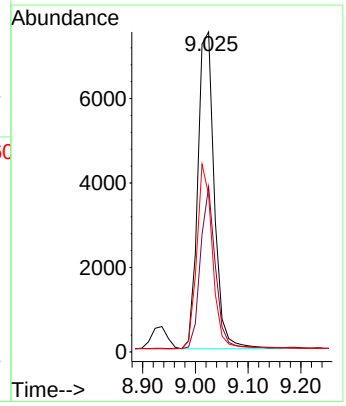




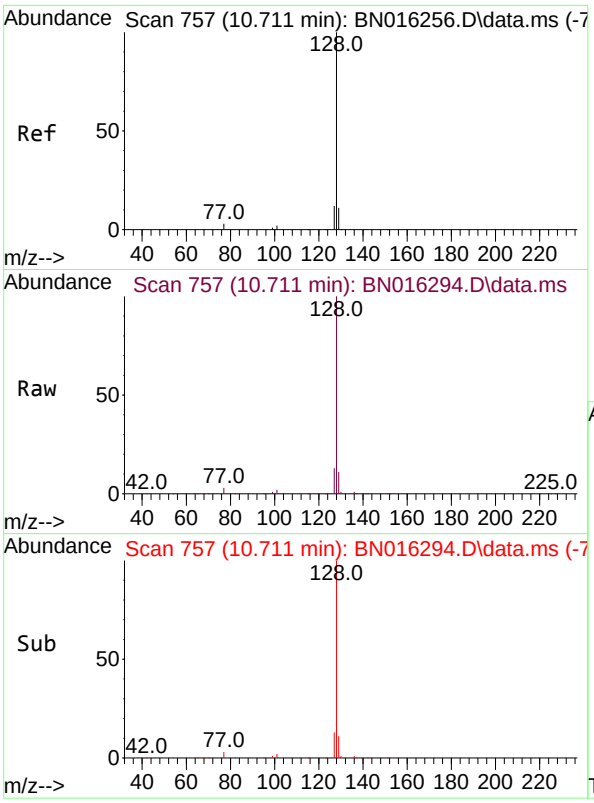
#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 9.025 min Scan# 624
Delta R.T. 0.012 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion: 82 Resp: 16415

Ion	Ratio	Lower	Upper
82	100		
128	51.6	31.7	47.5#
54	49.1	46.4	69.6



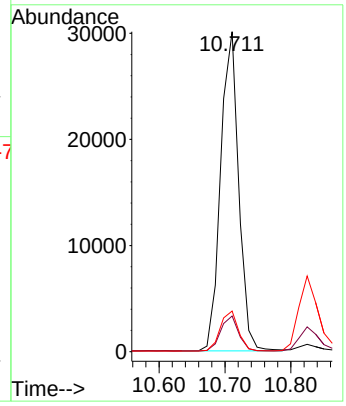
Instrument :
BNA_N
ClientSampleId :
PB138988BSD

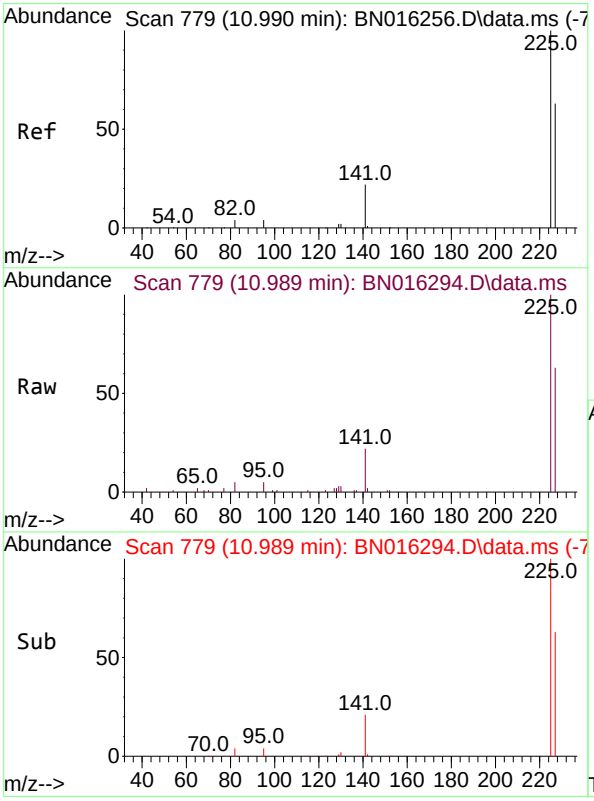


#9
Naphthalene
Concen: 0.386 ng
RT: 10.711 min Scan# 757
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:128 Resp: 57113

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	12.7	10.1	15.1

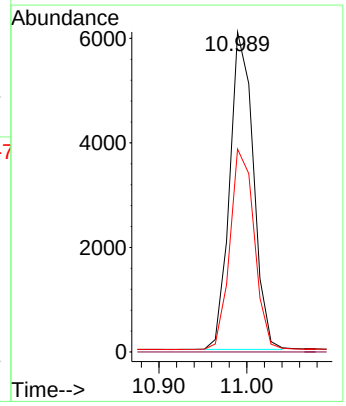




#10
Hexachlorobutadiene
Concen: 0.377 ng
RT: 10.989 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:225 Resp: 11365

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	51.5	77.3



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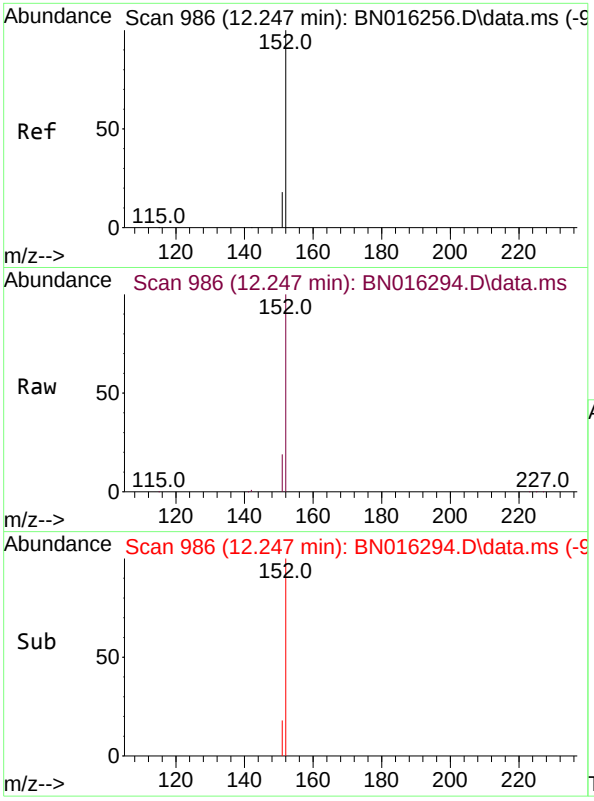
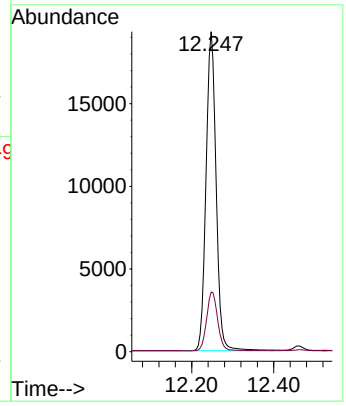
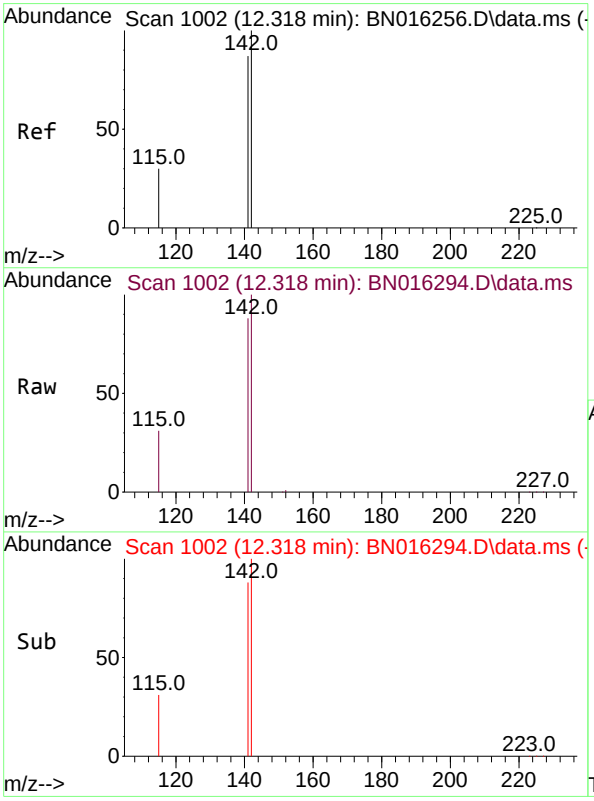


#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.247 min Scan# 986
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:152 Resp: 32913

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1

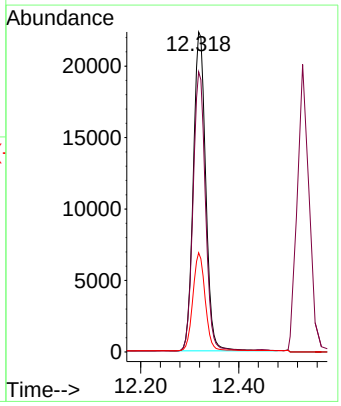




#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 12.318 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:142 Resp: 39244

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.8	104.8
115	31.0	24.4	36.6



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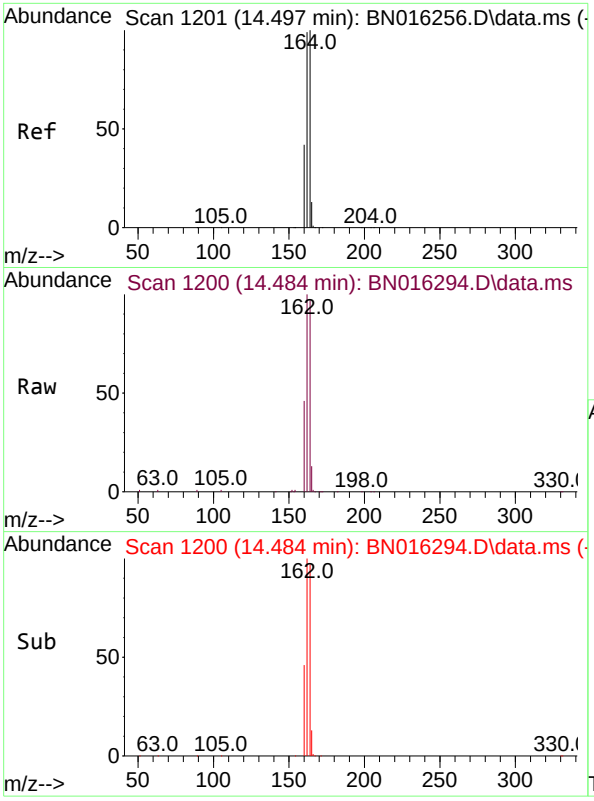
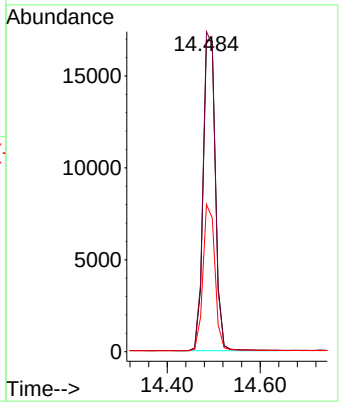
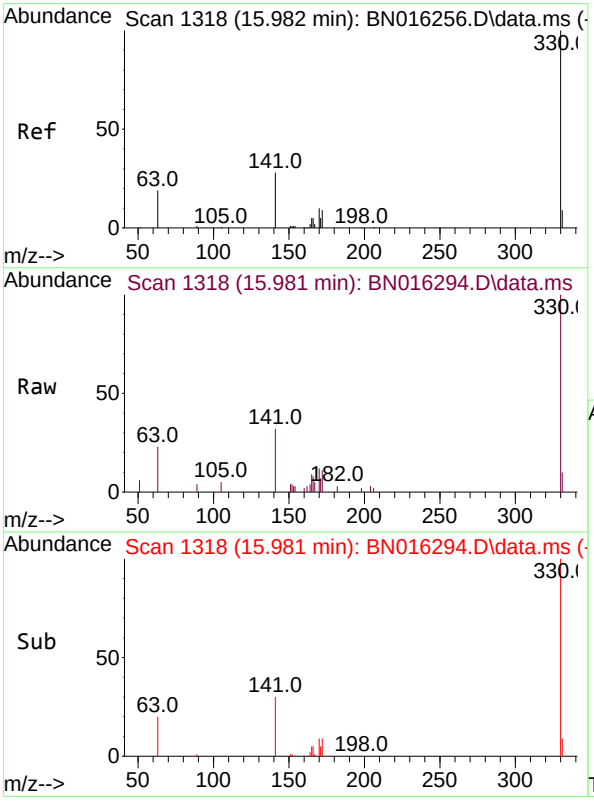


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1200
Delta R.T. -0.013 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:164 Resp: 31391

Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.0	118.4
160	47.2	34.1	51.1

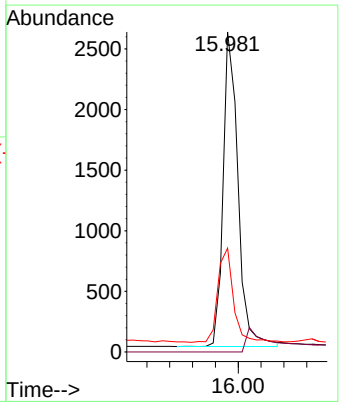




#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 15.981 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:330 Resp: 4627

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.6	25.0	37.4



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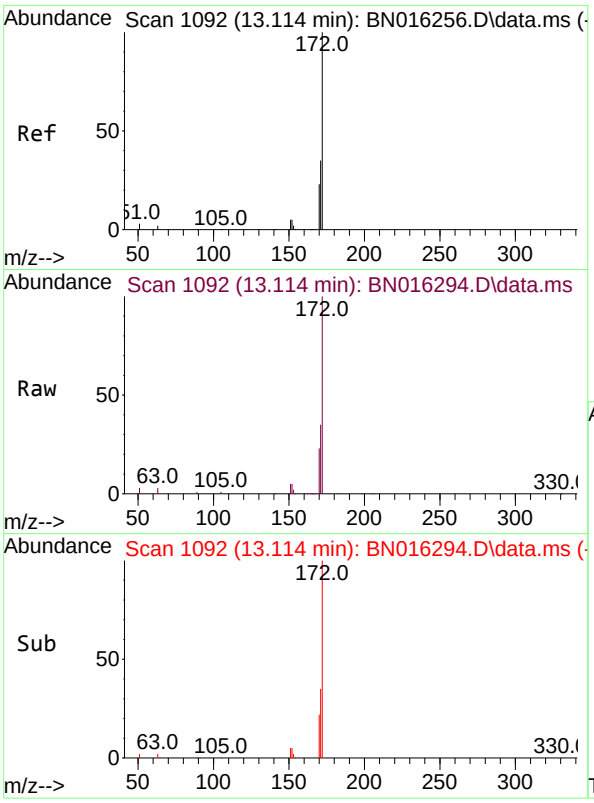
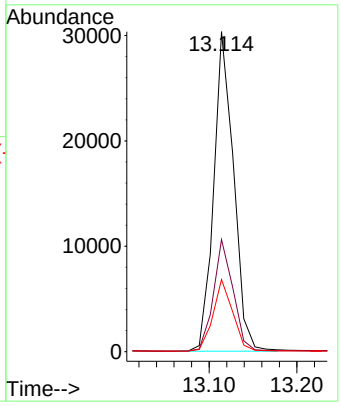
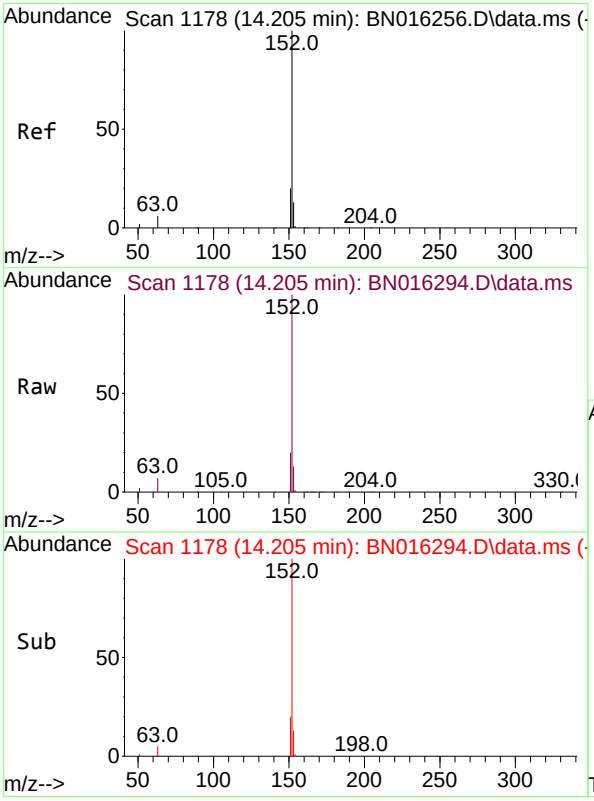


#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:172 Resp: 47774

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	22.5	18.2	27.2

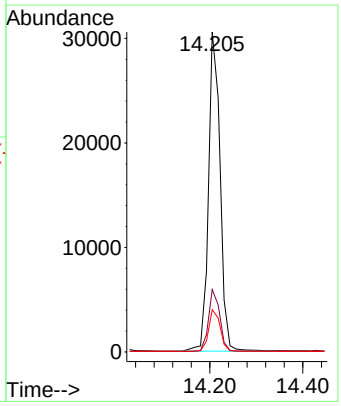




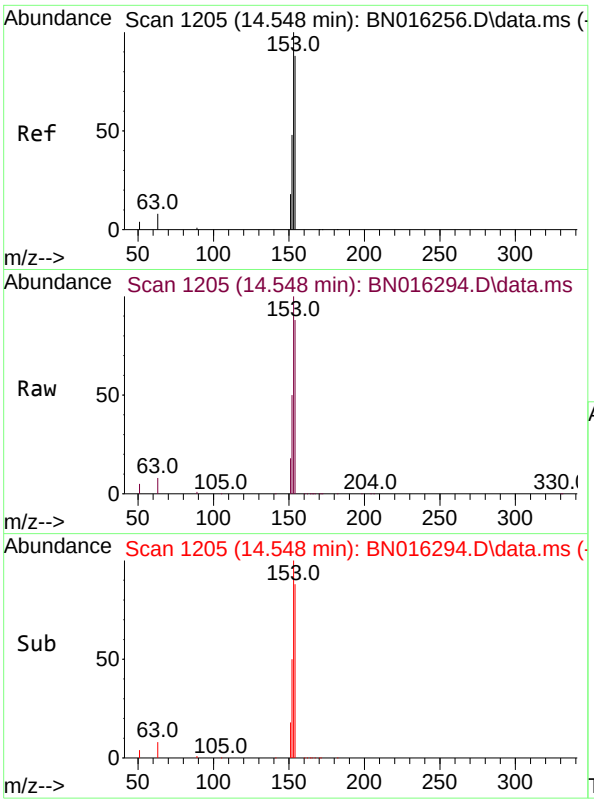
#16
Acenaphthylene
Concen: 0.378 ng
RT: 14.205 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:152 Resp: 53132

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8
153	13.1	10.5	15.7



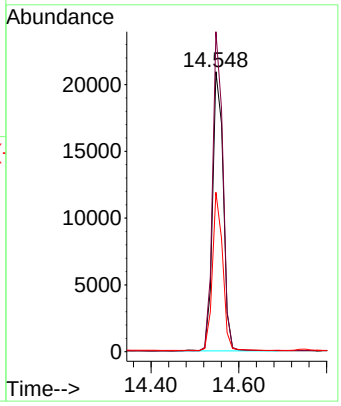
Instrument :
BNA_N
ClientSampleId :
PB138988BSD

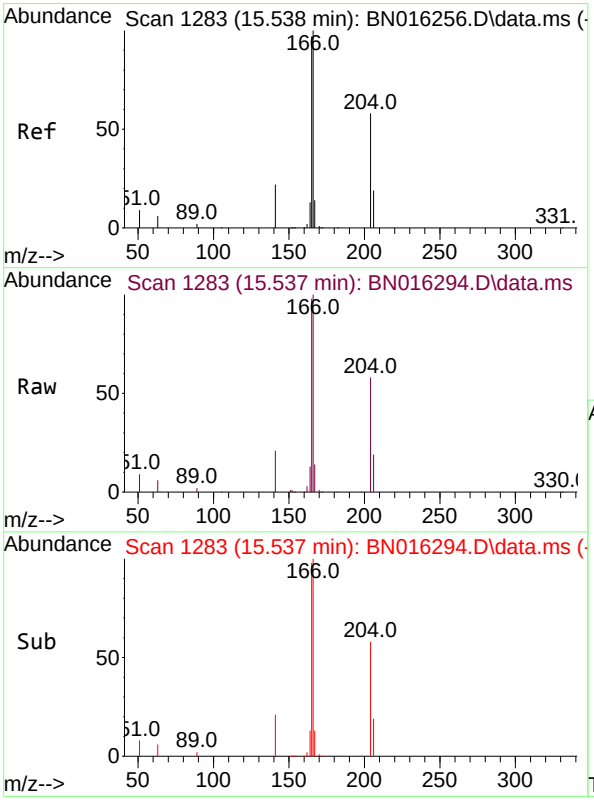


#17
Acenaphthene
Concen: 0.385 ng
RT: 14.548 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:154 Resp: 35142

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.3	133.9
152	54.1	42.2	63.4

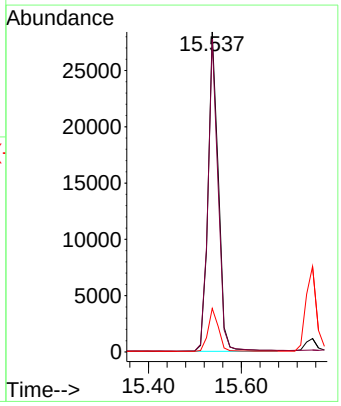




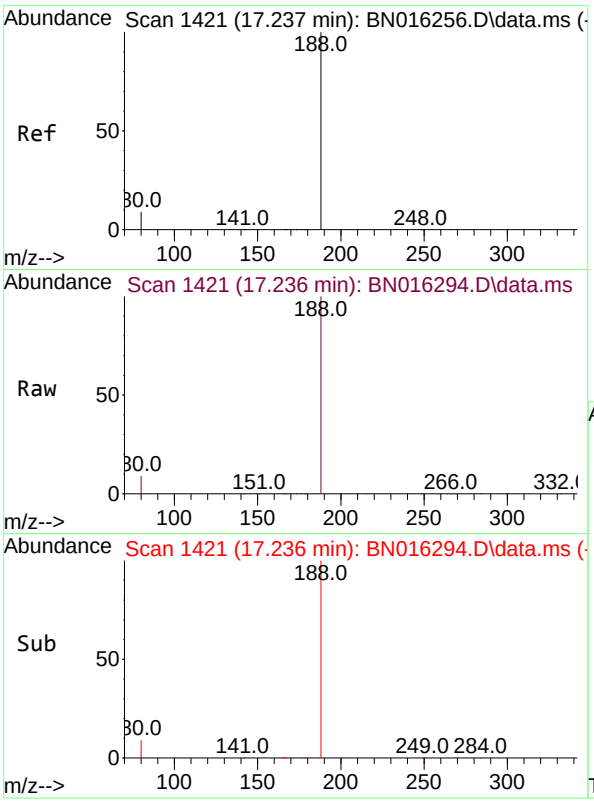
#18
Fluorene
Concen: 0.386 ng
RT: 15.537 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:166 Resp: 43577

Ion	Ratio	Lower	Upper
166	100		
165	96.6	76.7	115.1
167	13.6	10.9	16.3



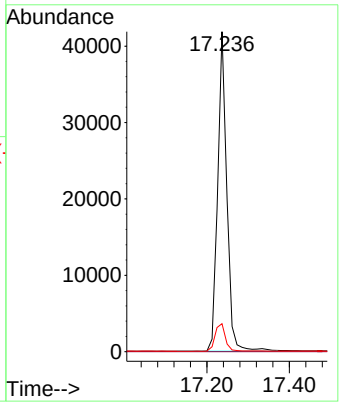
Instrument :
BNA_N
ClientSampleId :
PB138988BSD

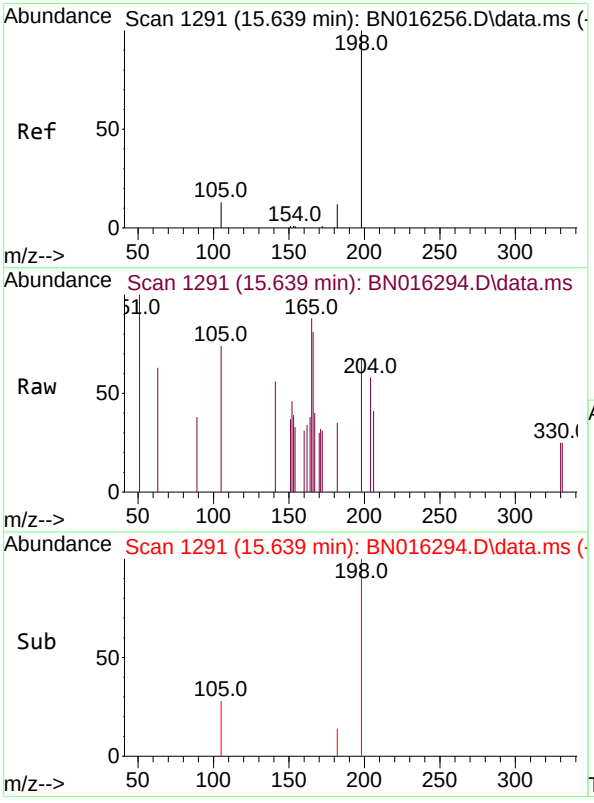


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:188 Resp: 64388

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.0	10.6

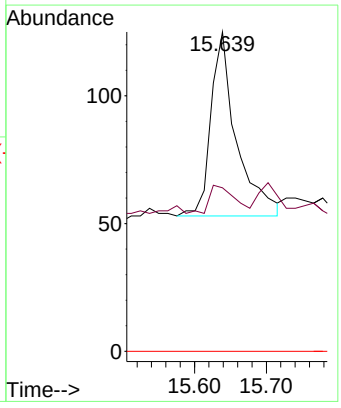




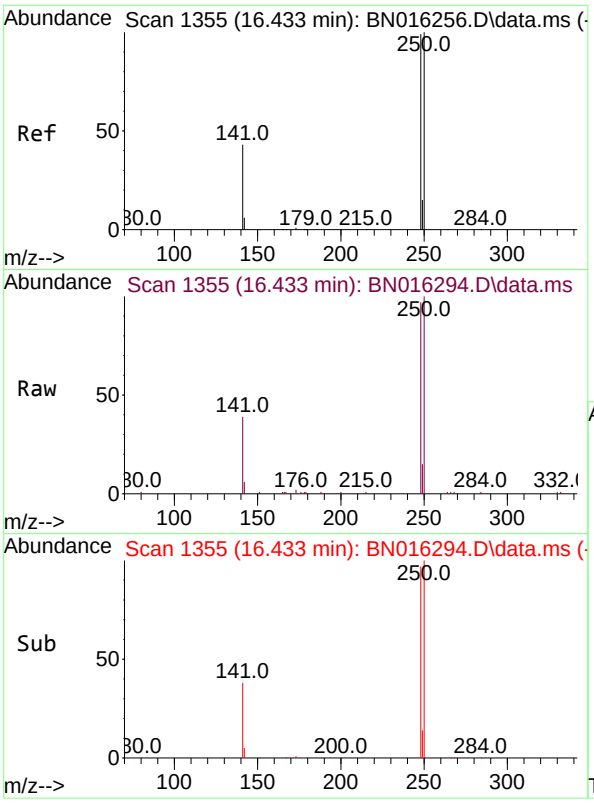
#20
4,6-Dinitro-2-methylphenol
Concen: 0.276 ng
RT: 15.639 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:198 Resp: 177

Ion	Ratio	Lower	Upper
198	100		
182	51.2	26.6	39.8#
77	0.0	0.0	0.0



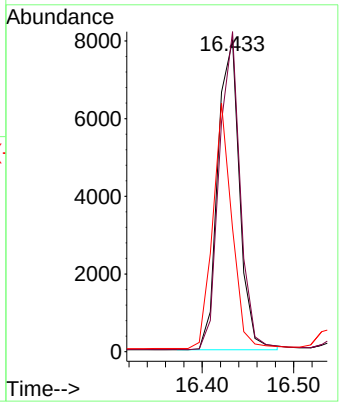
Instrument :
BNA_N
ClientSampleId :
PB138988BSD

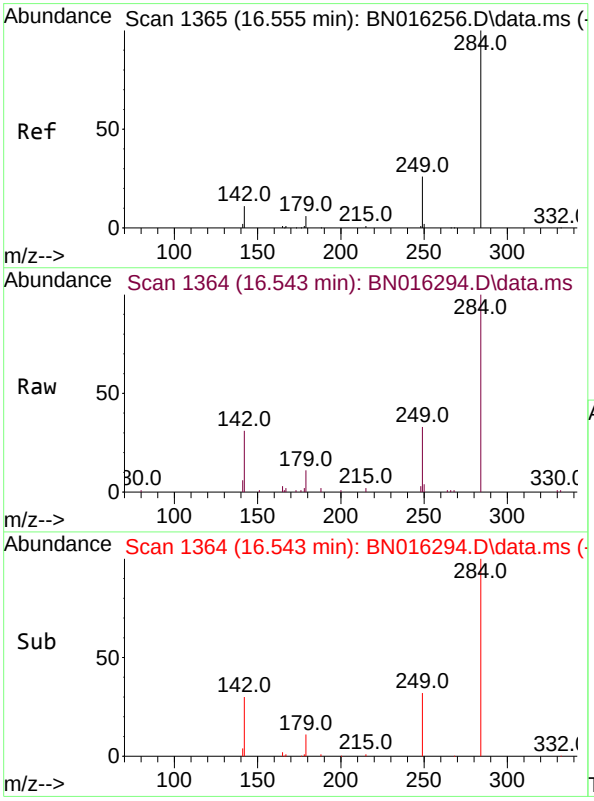


#21
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.433 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:248 Resp: 13206

Ion	Ratio	Lower	Upper
248	100		
250	102.8	80.5	120.7
141	39.6	34.8	52.2

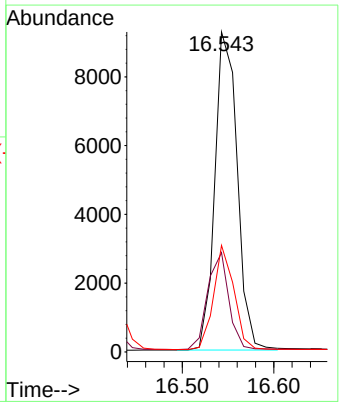




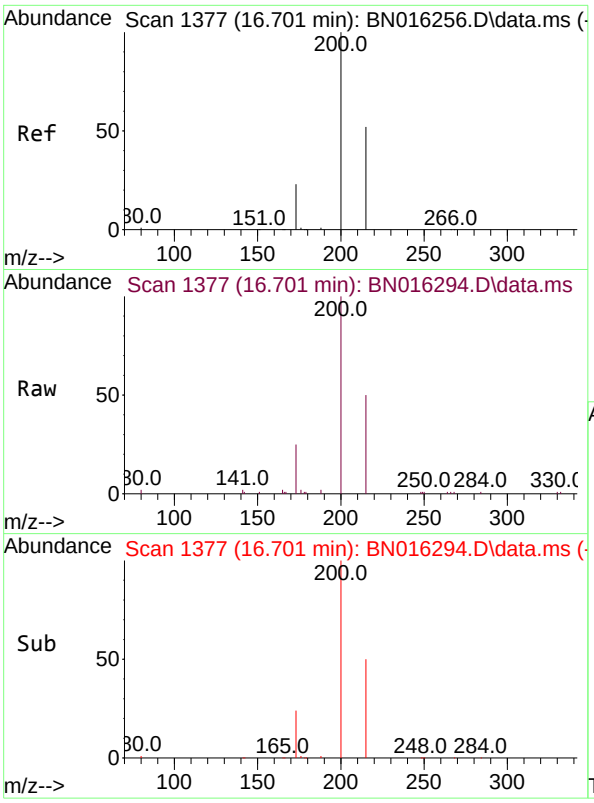
#22
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.543 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:284 Resp: 15729

Ion	Ratio	Lower	Upper
284	100		
142	28.9	22.6	34.0
249	29.7	24.4	36.6



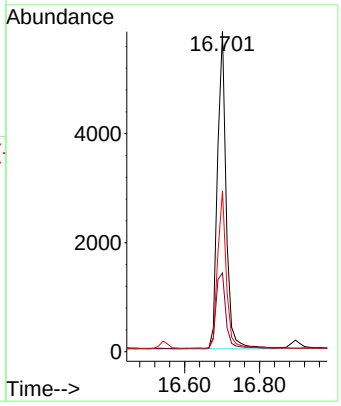
Instrument :
BNA_N
ClientSampleId :
PB138988BSD

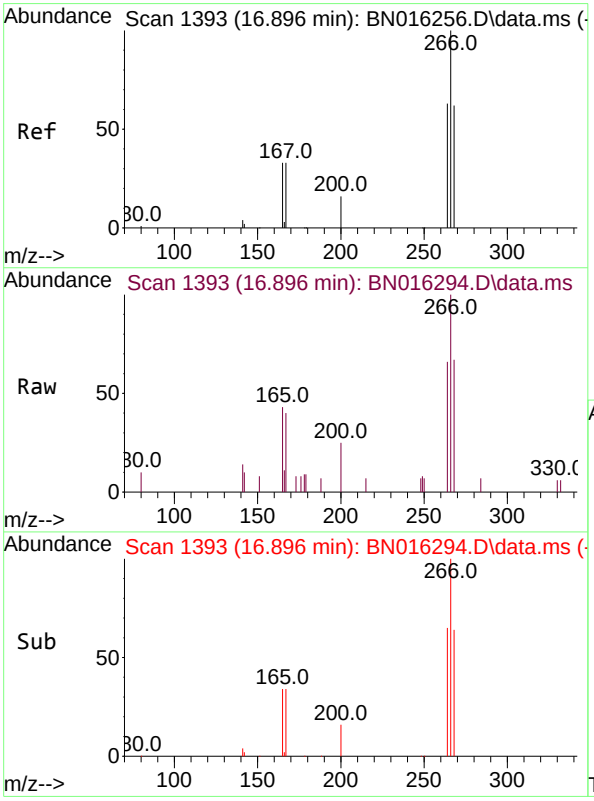


#23
Atrazine
Concen: 0.296 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:200 Resp: 9383

Ion	Ratio	Lower	Upper
200	100		
173	24.6	18.7	28.1
215	50.3	41.6	62.4

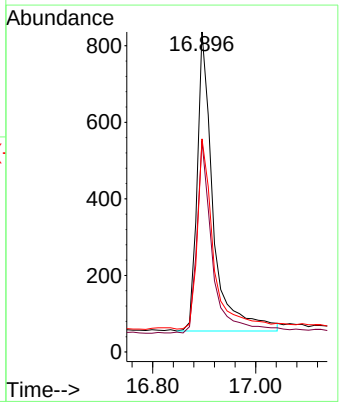




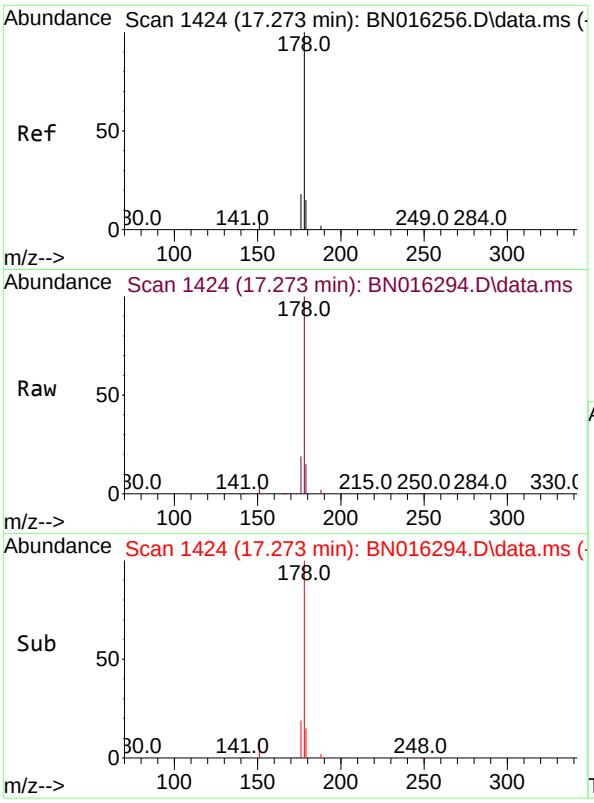
#24
Pentachlorophenol
Concen: 0.385 ng
RT: 16.896 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:266 Resp: 1692

Ion	Ratio	Lower	Upper
266	100		
264	61.7	50.6	75.8
268	64.2	52.6	79.0



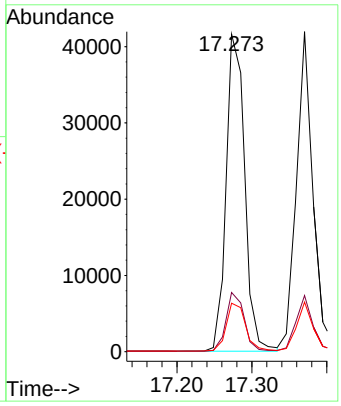
Instrument :
BNA_N
ClientSampleId :
PB138988BSD

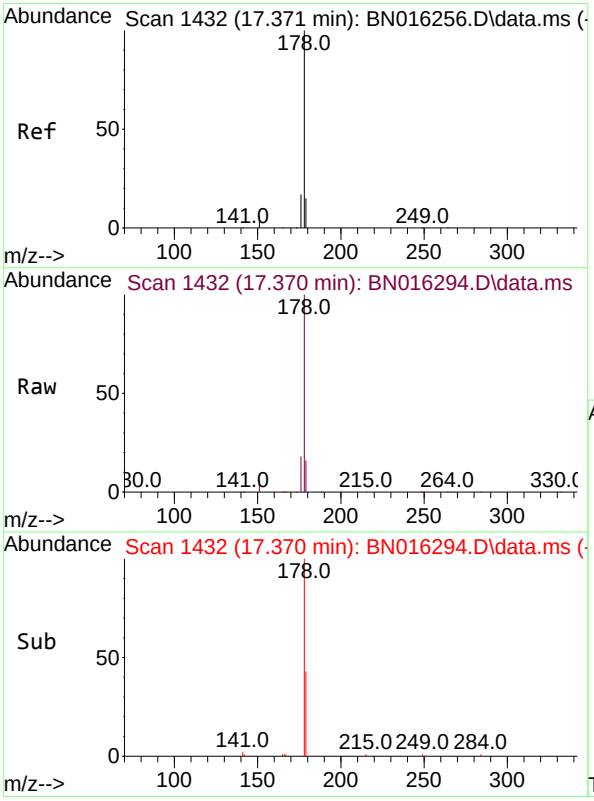


#25
Phenanthrene
Concen: 0.382 ng
RT: 17.273 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:178 Resp: 71401

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.4	21.6
179	15.9	12.2	18.4

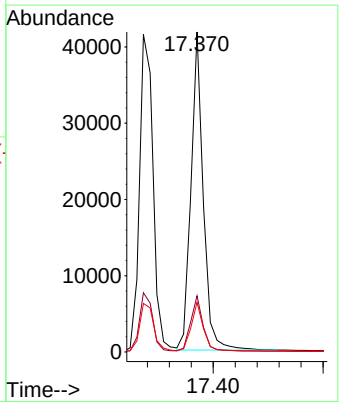




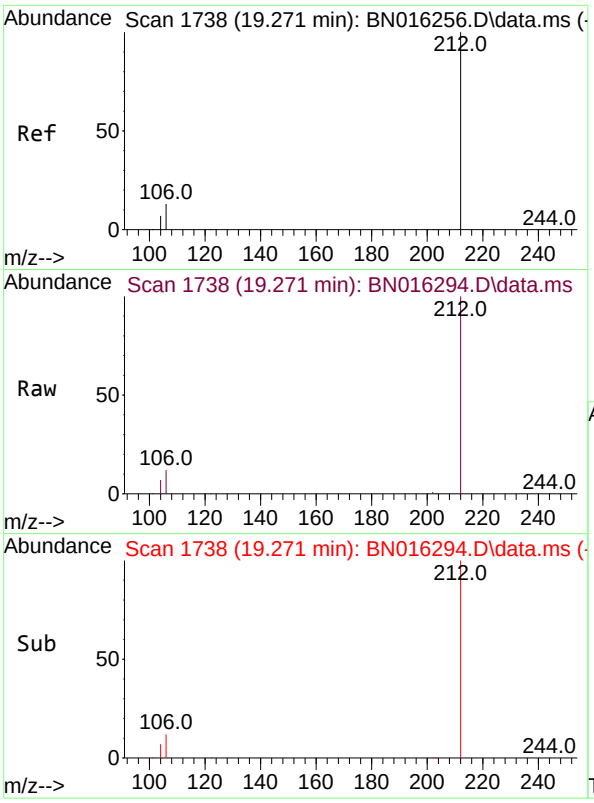
#26
Anthracene
Concen: 0.377 ng
RT: 17.370 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:178 Resp: 64824

Ion	Ratio	Lower	Upper
178	100		
176	17.6	13.9	20.9
179	15.3	12.2	18.4



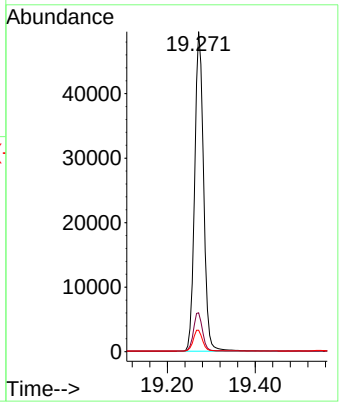
Instrument :
BNA_N
ClientSampleId :
PB138988BSD

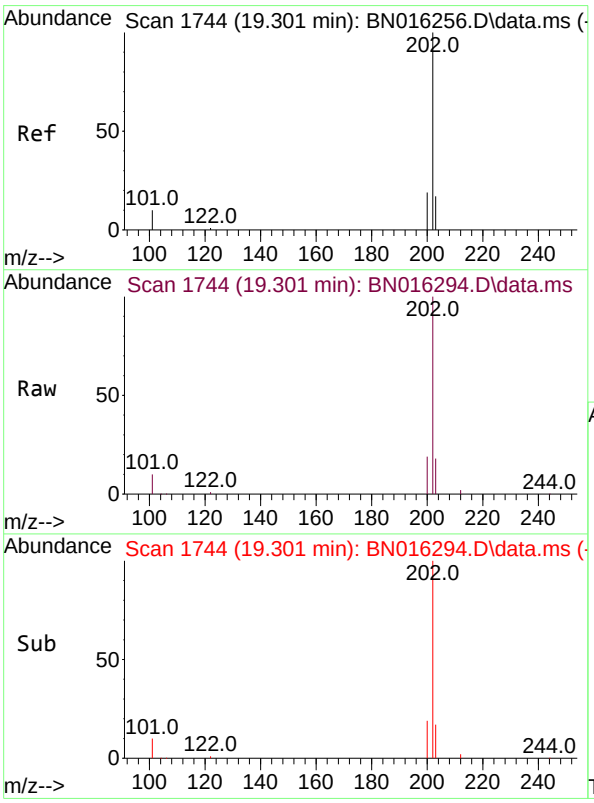


#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.271 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:212 Resp: 70102

Ion	Ratio	Lower	Upper
212	100		
106	12.2	9.8	14.6
104	6.8	5.4	8.2

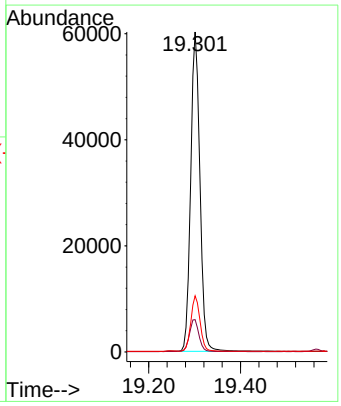




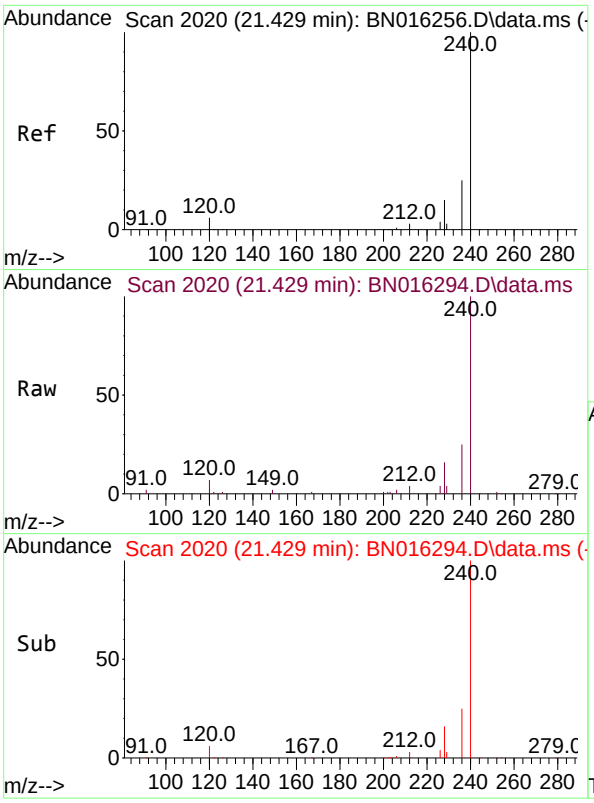
#28
Fluoranthene
Concen: 0.382 ng
RT: 19.301 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:202 Resp: 83875

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.5	12.7
203	17.2	13.8	20.8



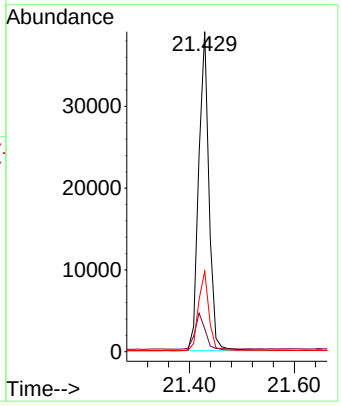
Instrument :
BNA_N
ClientSampleId :
PB138988BSD

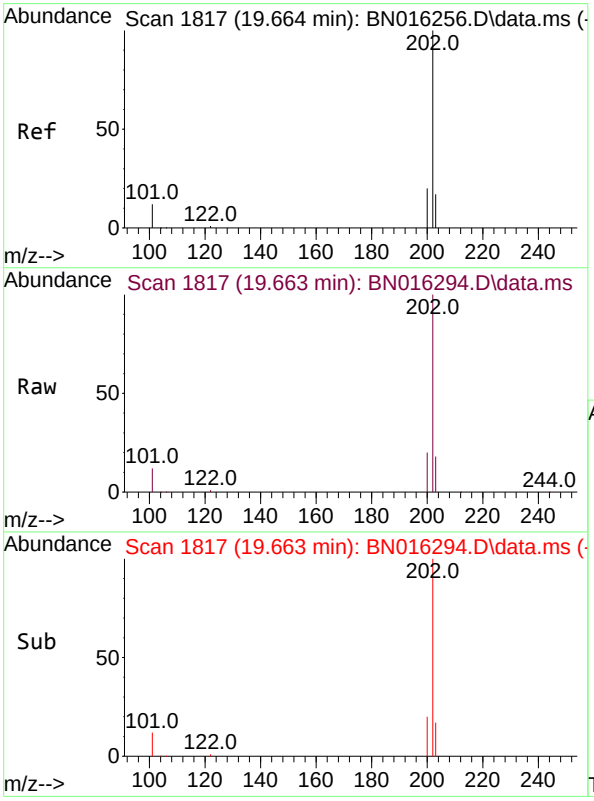


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:240 Resp: 52858

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.3	7.9
236	25.1	19.8	29.8

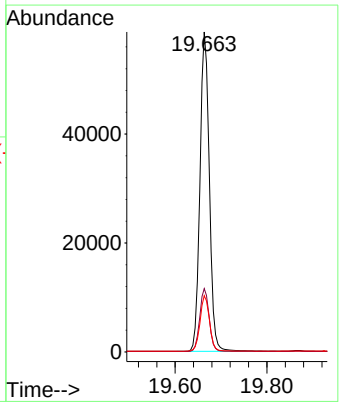




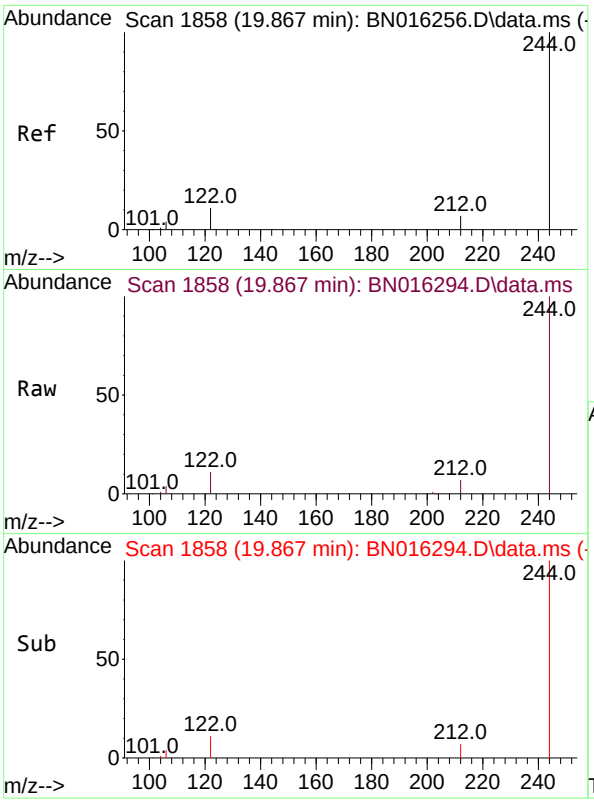
#30
Pyrene
Concen: 0.464 ng
RT: 19.663 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:202 Resp: 83191

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.6
203	17.5	13.9	20.9



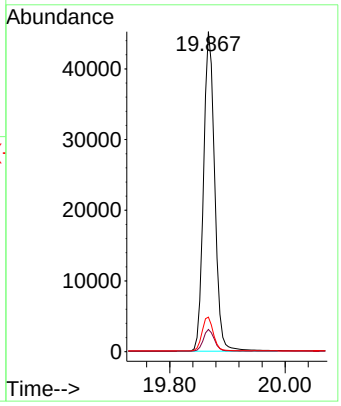
Instrument :
BNA_N
ClientSampleId :
PB138988BSD

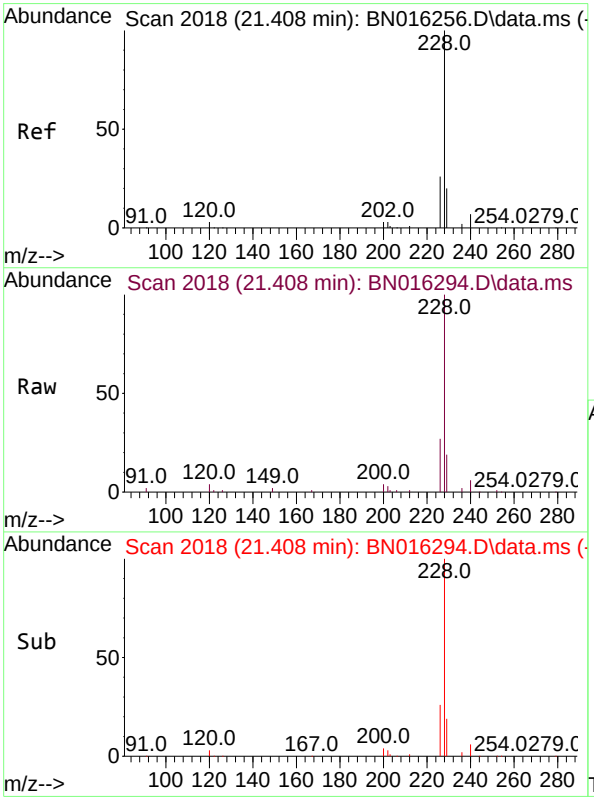


#31
Terphenyl-d14
Concen: 0.456 ng
RT: 19.867 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:244 Resp: 60469

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	10.8	9.0	13.4

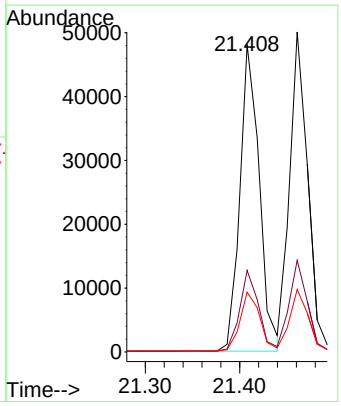


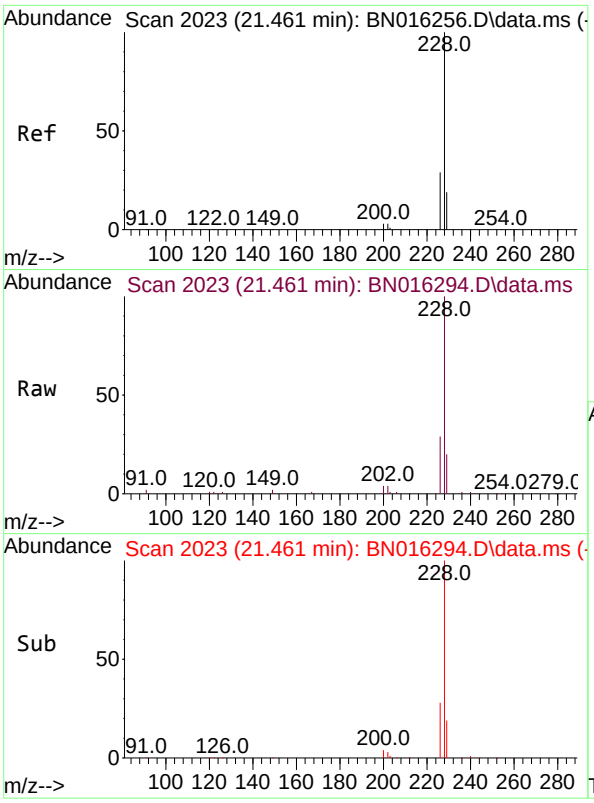


#32
Benzo(a)anthracene
Concen: 0.414 ng
RT: 21.408 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:228 Resp: 68294

Ion	Ratio	Lower	Upper
228	100		
226	26.5	20.8	31.2
229	19.5	15.8	23.6

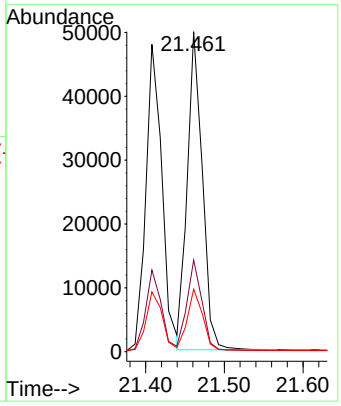




#33
Chrysene
Concen: 0.407 ng
RT: 21.461 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:228 Resp: 66532

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	19.6	15.6	23.4



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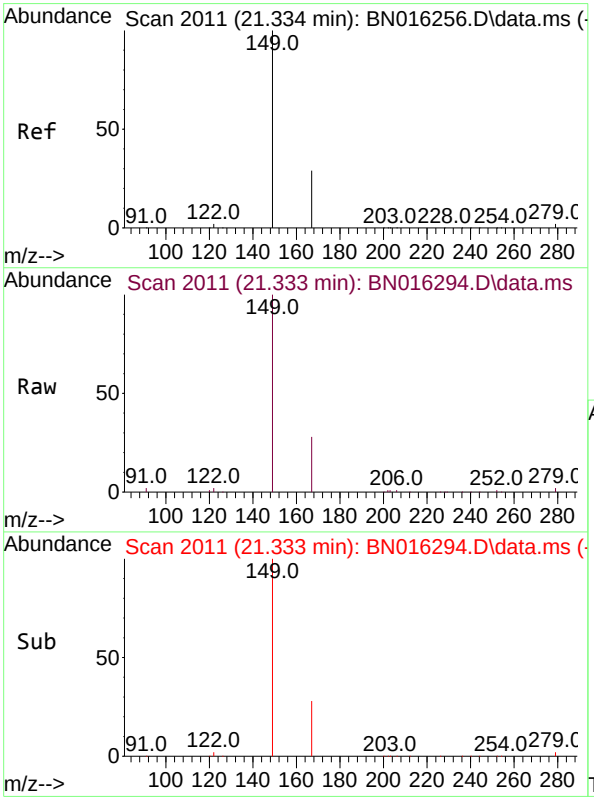
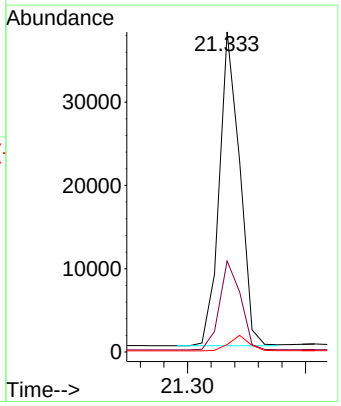


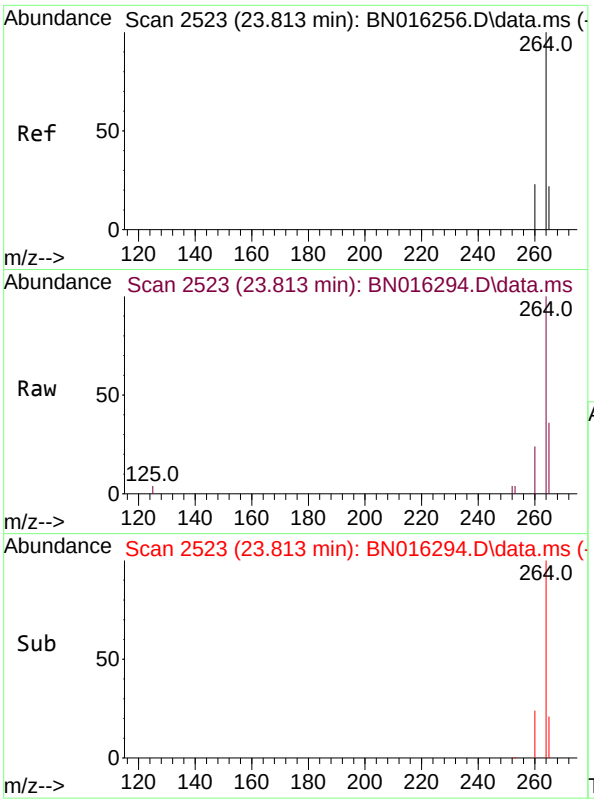
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.446 ng
RT: 21.333 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:149 Resp: 45273

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	4.8	3.9	5.9



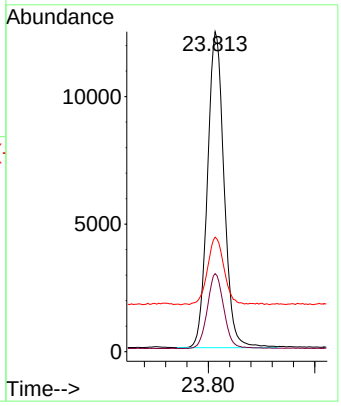
Instrument :
BNA_N
ClientSampleId :
PB138988BSD

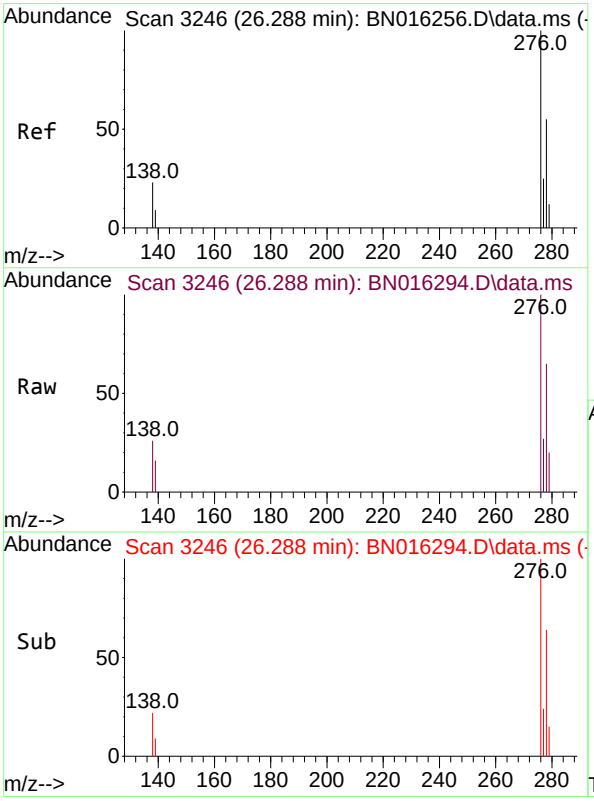


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.813 min Scan# 2523
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:264 Resp: 26824

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	35.8	23.7	35.5#

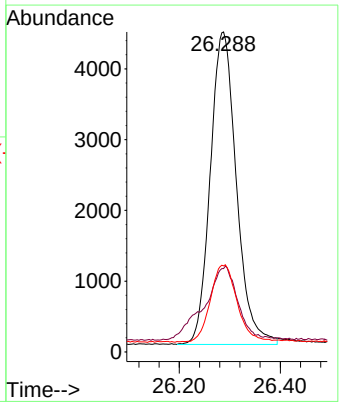




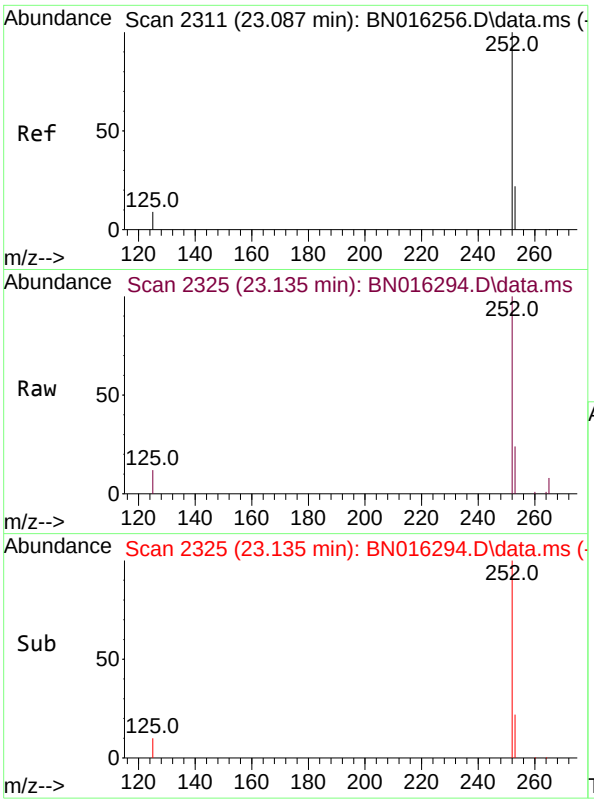
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng
RT: 26.288 min Scan# 3246
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:276 Resp: 15875

Ion	Ratio	Lower	Upper
276	100		
138	27.1	19.3	28.9
277	25.0	20.2	30.2



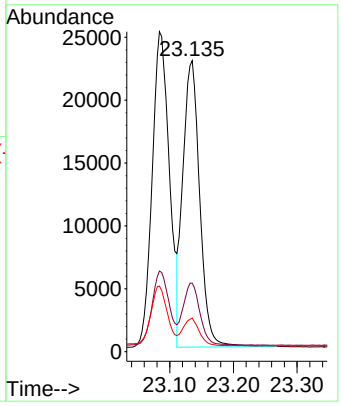
Instrument :
BNA_N
ClientSampleId :
PB138988BSD

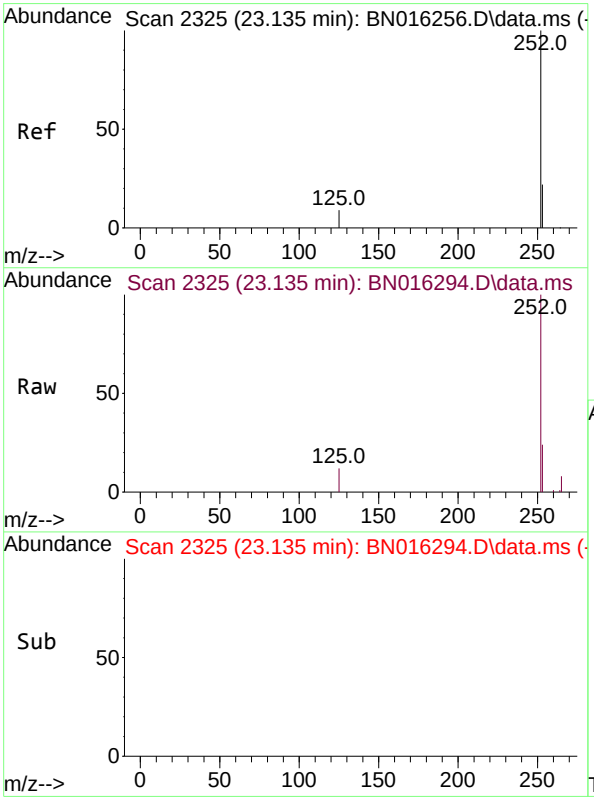


#37
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 23.135 min Scan# 2325
Delta R.T. 0.048 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:252 Resp: 41850

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	11.5	8.4	12.6

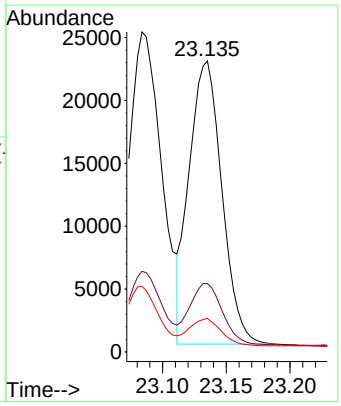




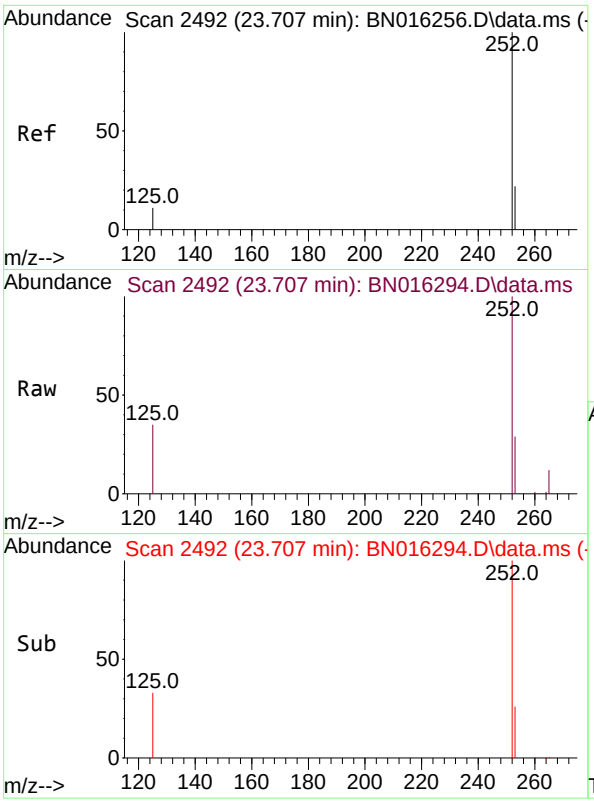
#38
Benzo(k)fluoranthene
Concen: 0.436 ng
RT: 23.135 min Scan# 2325
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:252 Resp: 40289

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	11.5	8.2	12.4



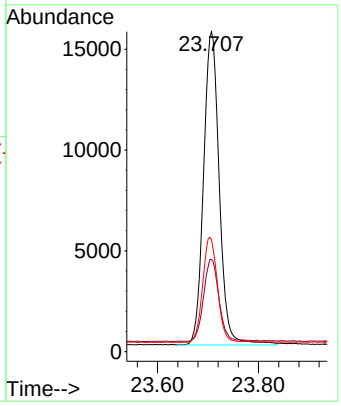
Instrument :
BNA_N
ClientSampleId :
PB138988BSD

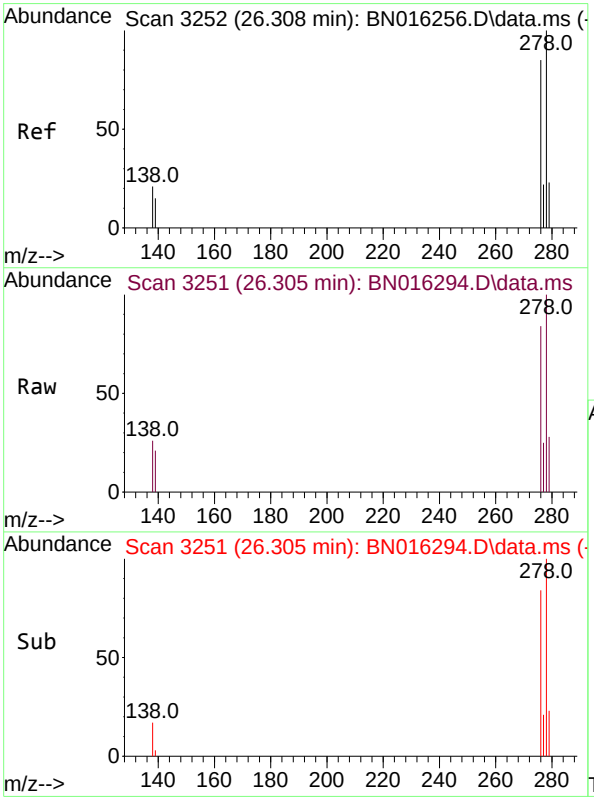


#39
Benzo(a)pyrene
Concen: 0.436 ng
RT: 23.707 min Scan# 2492
Delta R.T. -0.000 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:252 Resp: 33597

Ion	Ratio	Lower	Upper
252	100		
253	28.9	18.7	28.1#
125	35.0	9.9	14.9#

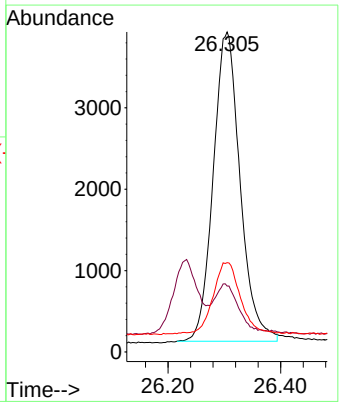


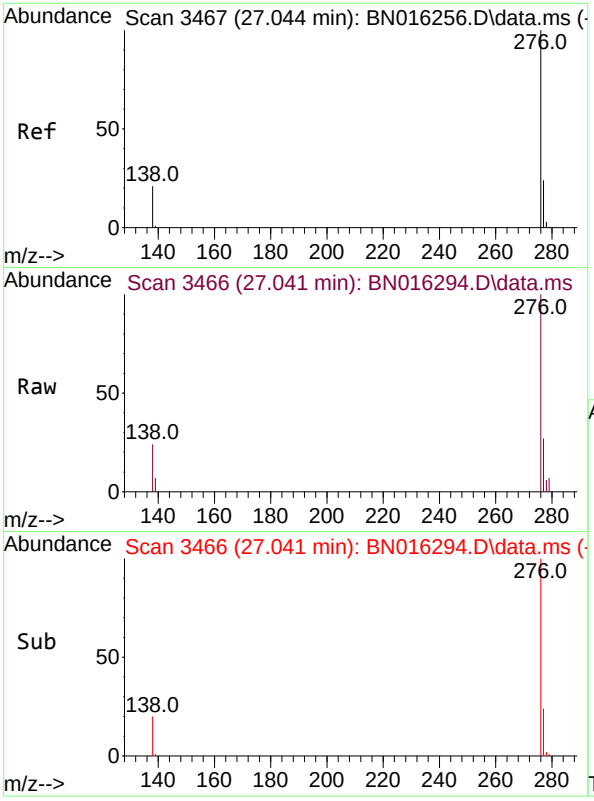


#40
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 26.305 min Scan# 3251
Delta R.T. -0.003 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:278 Resp: 12595

Ion	Ratio	Lower	Upper
278	100		
139	20.6	14.2	21.2
279	27.9	21.3	31.9

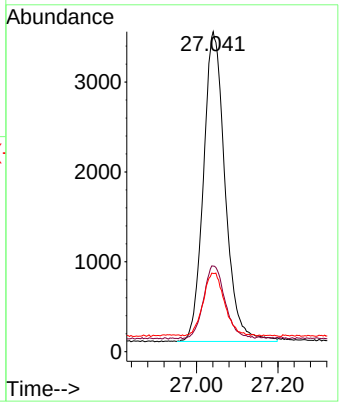




#41
Benzo(g,h,i)perylene
Concen: 0.344 ng
RT: 27.041 min Scan# 3466
Delta R.T. -0.004 min
Lab File: BN016294.D
Acq: 10 Sep 2021 17:19

Tgt Ion:276 Resp: 12736

Ion	Ratio	Lower	Upper
276	100		
277	26.8	20.5	30.7
138	24.5	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
PB138988BSD