Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016293.D
Acq On : 10 Sep 2021 16:42
Operator : CG/JU
Sample : PB138988BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB138988BS

Quant Time: Sep 11 02:30:04 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	10804	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	54628	0.400	ng	0.00
13) Acenaphthene-d10	14.484	164	30857	0.400	ng	-0.01
19) Phenanthrene-d10	17.237	188	63609	0.400	ng	0.00
29) Chrysene-d12	21.429	240	52333	0.400	ng	0.00
35) Perylene-d12	23.816	264	26714	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	10629	0.386	ng	0.00
5) Phenol-d6	7.043	99	13271	0.385	ng	0.00
8) Nitrobenzene-d5	9.025	82	16198	0.369	ng	0.01
11) 2-Methylnaphthalene-d10	12.247	152	32494	0.381	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	4526	0.357	ng	0.00
15) 2-Fluorobiphenyl	13.114	172	46816	0.387	ng	0.00
27) Fluoranthene-d10	19.271	212	69238	0.370	ng	0.00
31) Terphenyl-d14	19.867	244	59471	0.453	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	1521	0.397	ng	# 84
3) n-Nitrosodimethylamine	3.742	42	2629	0.331	ng	# 99
6) bis(2-Chloroethyl)ether	7.292	93	11348	0.399	ng	100
9) Naphthalene	10.711	128	56382	0.386	ng	100
10) Hexachlorobutadiene	10.990	225	11308	0.380	ng	# 99
12) 2-Methylnaphthalene	12.318	142	38578	0.393	ng	100
16) Acenaphthylene	14.205	152	52504	0.380	ng	100
17) Acenaphthene	14.548	154	34793	0.388	ng	99
18) Fluorene	15.537	166	43125	0.389	ng	100
20) 4,6-Dinitro-2-methylph...	15.626	198	174	0.276	ng	# 55
21) 4-Bromophenyl-phenylether	16.433	248	12973	0.381	ng	97
22) Hexachlorobenzene	16.543	284	15400	0.378	ng	100
23) Atrazine	16.701	200	9135	0.292	ng	99
24) Pentachlorophenol	16.896	266	1661	0.384	ng	97
25) Phenanthrene	17.273	178	70582	0.382	ng	100
26) Anthracene	17.370	178	63916	0.376	ng	100
28) Fluoranthene	19.301	202	82523	0.381	ng	100
30) Pyrene	19.664	202	82384	0.464	ng	100
32) Benzo(a)anthracene	21.408	228	67363	0.413	ng	100
33) Chrysene	21.461	228	66302	0.410	ng	99
34) Bis(2-ethylhexyl)phtha...	21.334	149	45005	0.448	ng	100
36) Indeno(1,2,3-cd)pyrene	26.284	276	15803	0.355	ng	97
37) Benzo(b)fluoranthene	23.135	252	42616	0.413	ng	98
38) Benzo(k)fluoranthene	23.135	252	41065	0.447	ng	98
39) Benzo(a)pyrene	23.710	252	32961	0.430	ng	# 74
40) Dibenzo(a,h)anthracene	26.305	278	12547	0.369	ng	# 94
41) Benzo(g,h,i)perylene	27.048	276	12522	0.339	ng	97

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

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Instrument :
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Quant Time: Sep 11 02:30:04 2021
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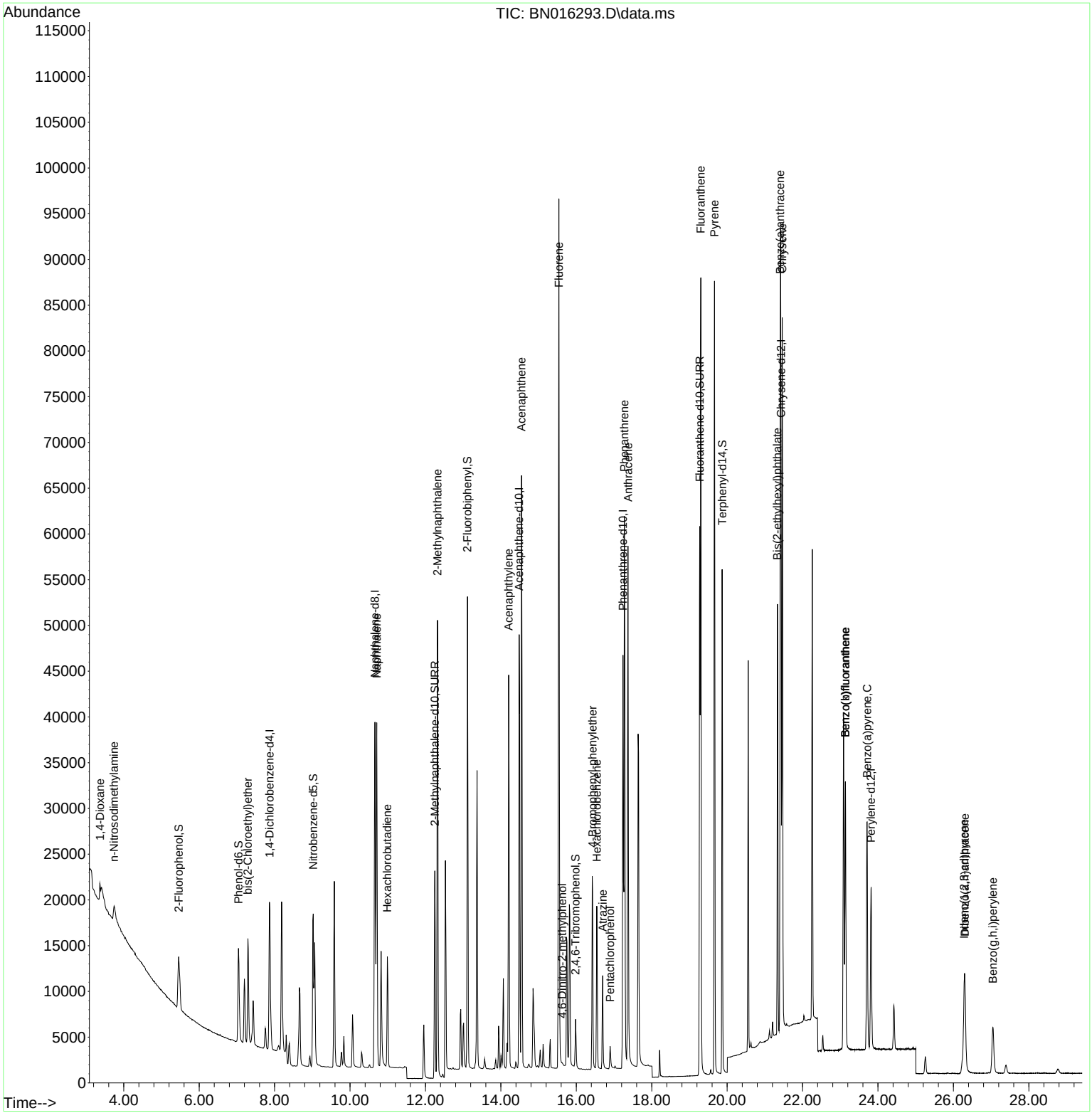
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 10 14:34:37 2021
Response via : Initial Calibration



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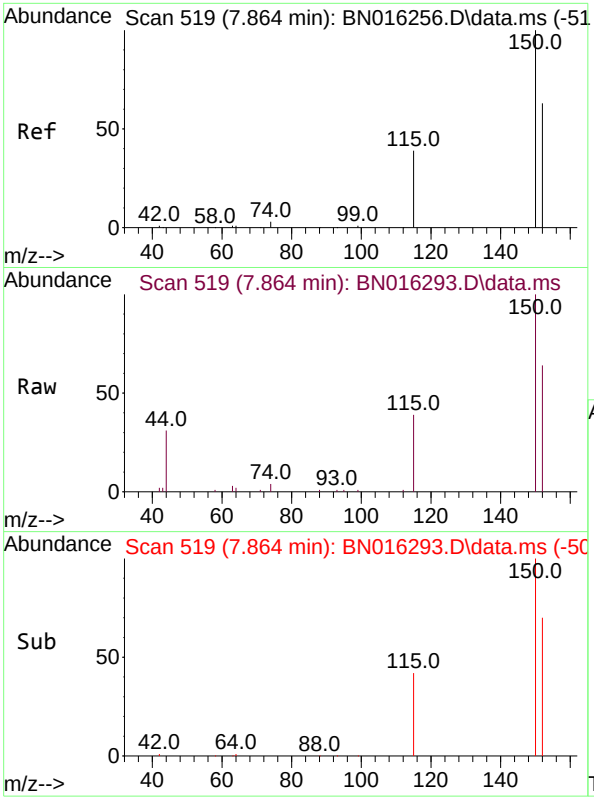
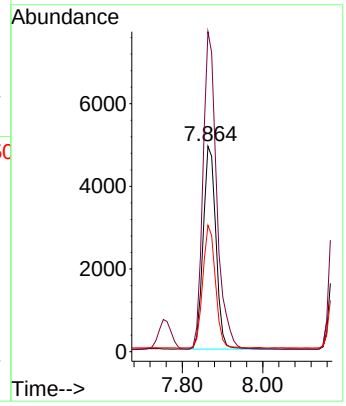
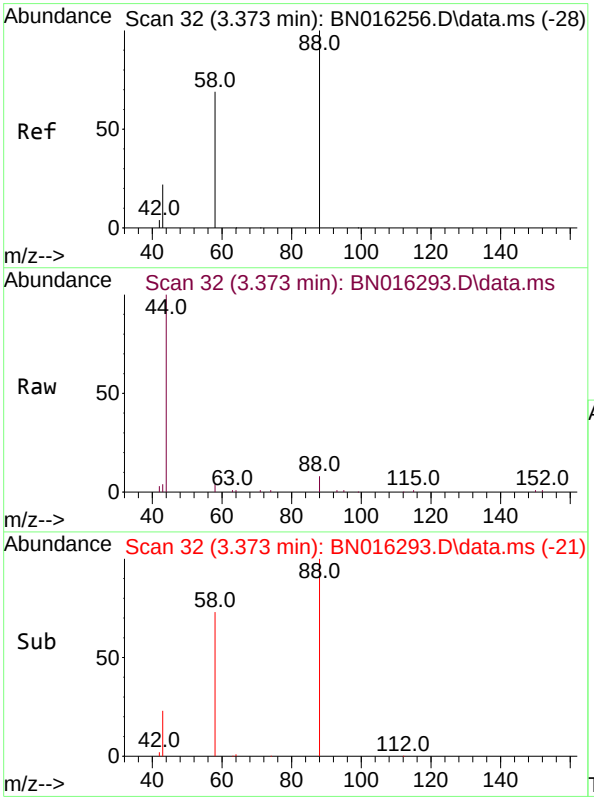


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:152 Resp: 10804

Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.6	188.4
115	61.5	50.2	75.2

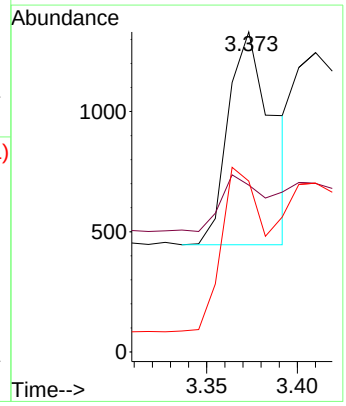




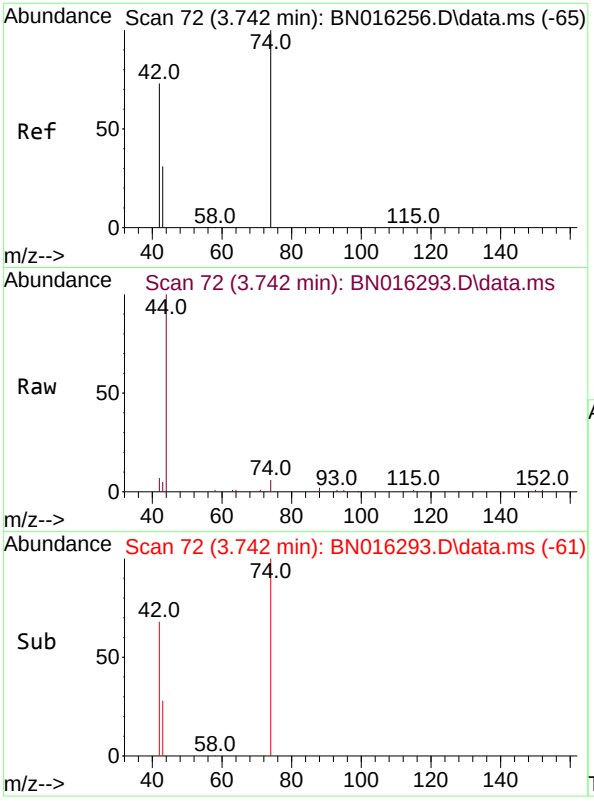
#2
1,4-Dioxane
Concen: 0.397 ng
RT: 3.373 min Scan# 32
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion: 88 Resp: 1521

Ion	Ratio	Lower	Upper
88	100		
43	23.0	20.3	30.5
58	69.8	69.9	104.9#



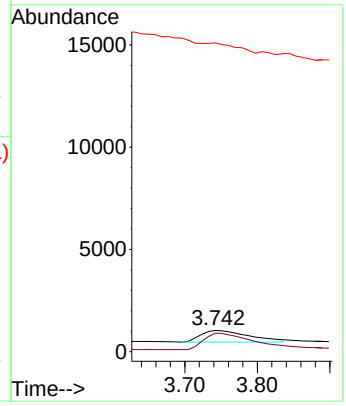
Instrument :
BNA_N
ClientSampleId :
PB138988BS

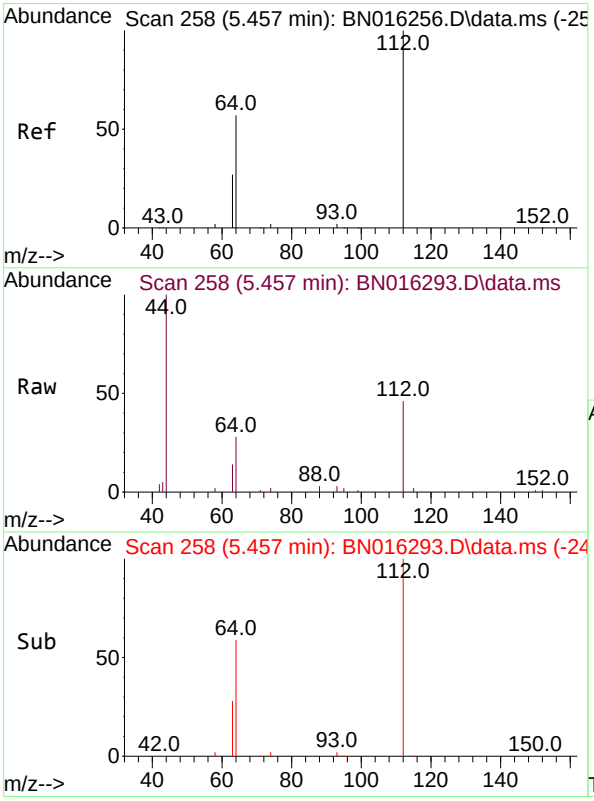


#3
n-Nitrosodimethylamine
Concen: 0.331 ng
RT: 3.742 min Scan# 72
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion: 42 Resp: 2629

Ion	Ratio	Lower	Upper
42	100		
74	140.4	113.6	170.4
44	0.0	0.0	0.0

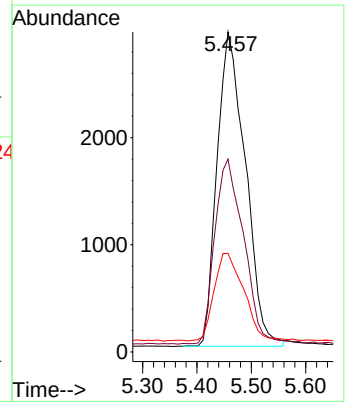




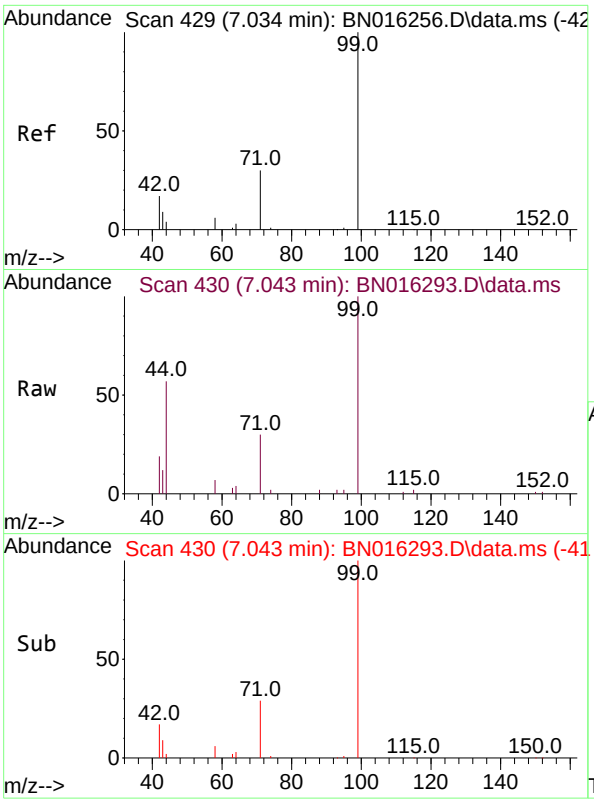
#4
2-Fluorophenol
Concen: 0.386 ng
RT: 5.457 min Scan# 258
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:112 Resp: 10629

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.3	70.9
63	29.1	23.4	35.0



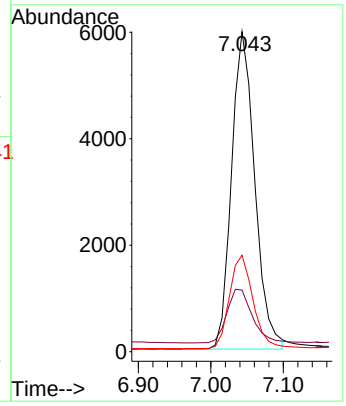
Instrument :
BNA_N
ClientSampleId :
PB138988BS

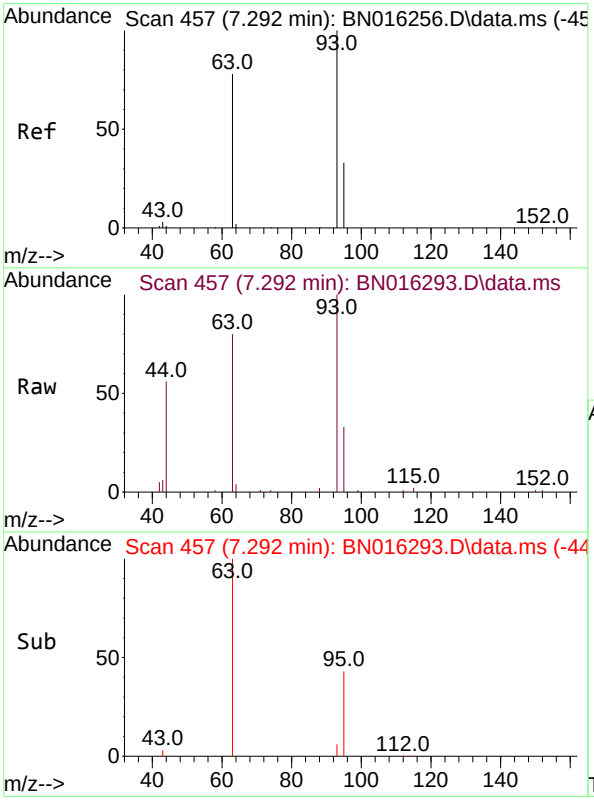


#5
Phenol-d6
Concen: 0.385 ng
RT: 7.043 min Scan# 430
Delta R.T. 0.009 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion: 99 Resp: 13271

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.0	21.0
71	29.8	23.8	35.6

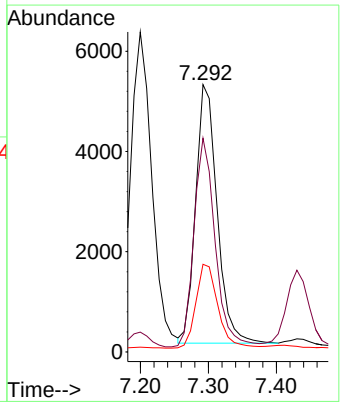




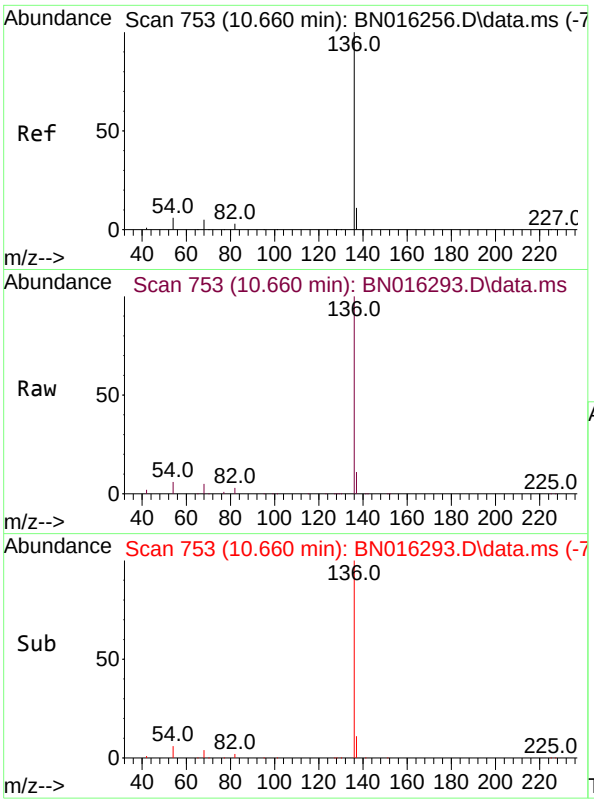
#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.292 min Scan# 457
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion: 93 Resp: 11348

Ion	Ratio	Lower	Upper
93	100		
63	79.7	63.4	95.0
95	33.3	26.8	40.2



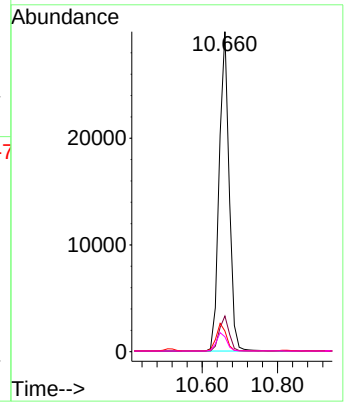
Instrument :
BNA_N
ClientSampleId :
PB138988BS

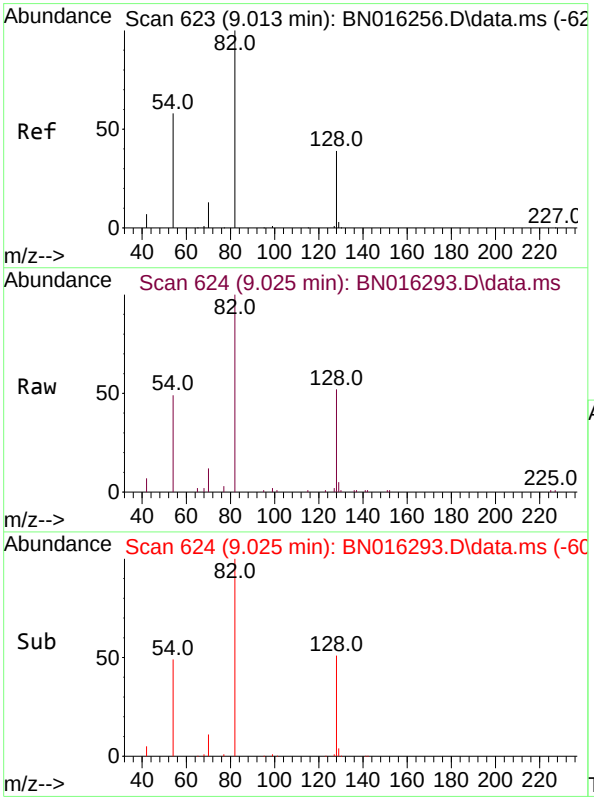


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:136 Resp: 54628

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.3	7.9
68	4.6	3.9	5.9

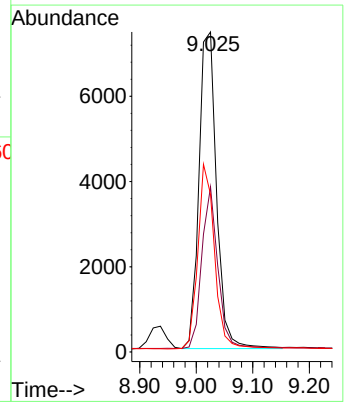


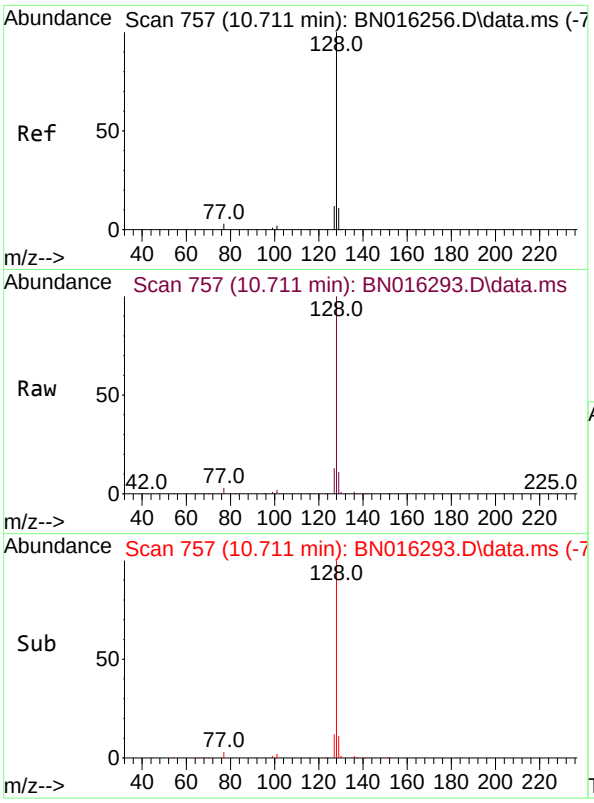


#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 9.025 min Scan# 624
Delta R.T. 0.013 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion: 82 Resp: 16198

Ion	Ratio	Lower	Upper
82	100		
128	51.6	31.7	47.5#
54	49.3	46.4	69.6

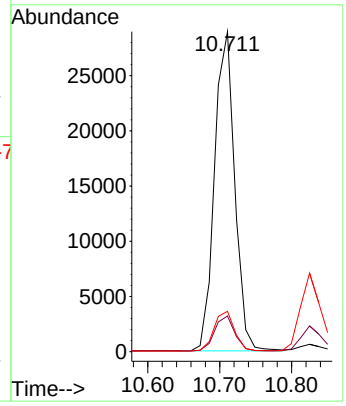




#9
Naphthalene
Concen: 0.386 ng
RT: 10.711 min Scan# 757
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:128 Resp: 56382

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	12.6	10.1	15.1



Instrument :
BNA_N
ClientSampleId :
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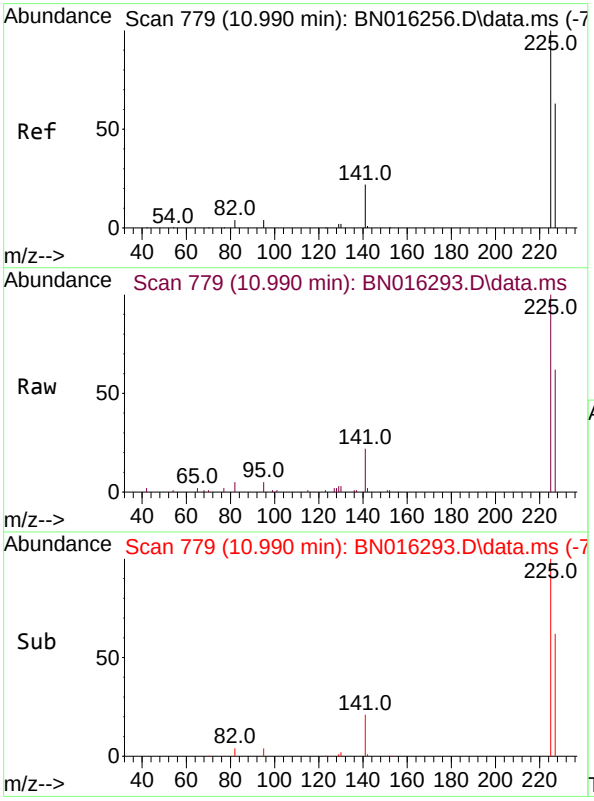
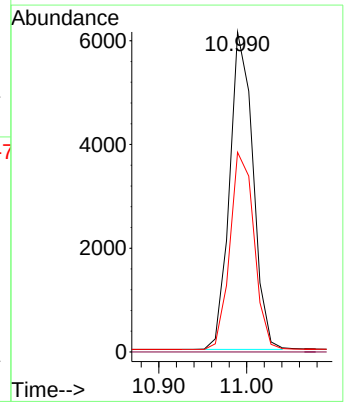


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 10.990 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:225 Resp: 11308

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.5	77.3



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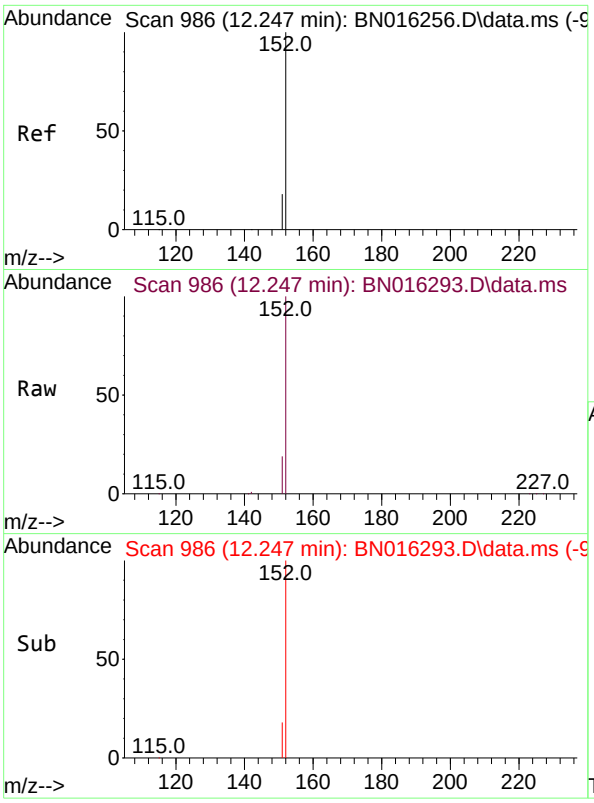
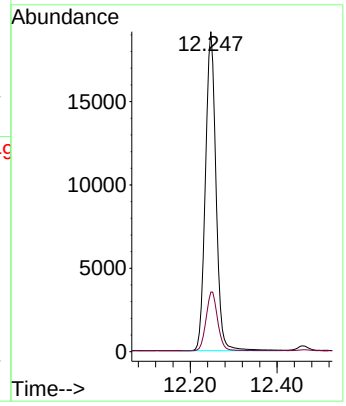
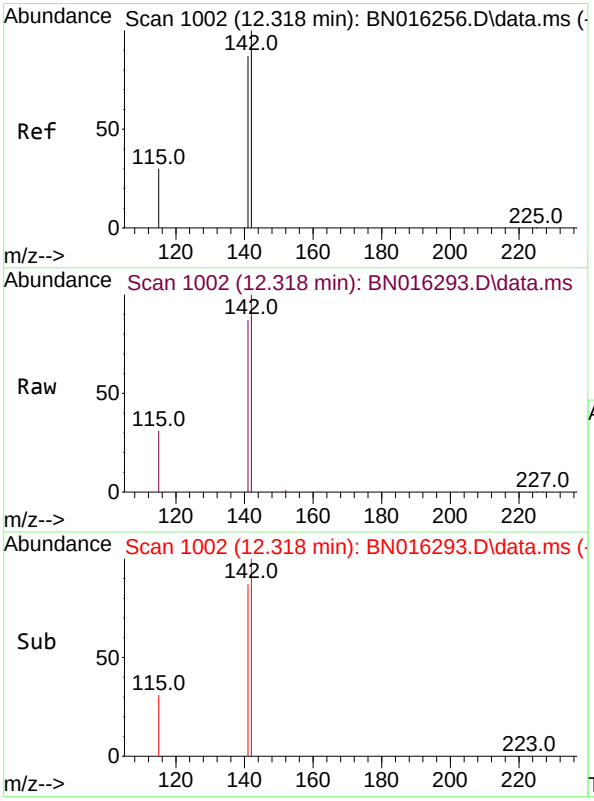


#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.247 min Scan# 986
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:152 Resp: 32494

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1

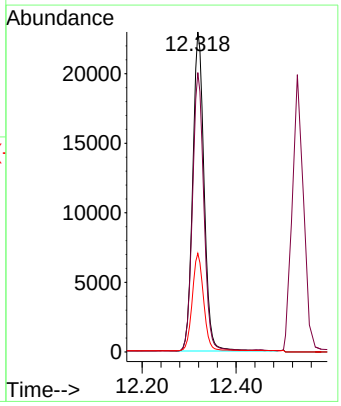




#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.318 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:142 Resp: 38578

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.8	104.8
115	30.8	24.4	36.6



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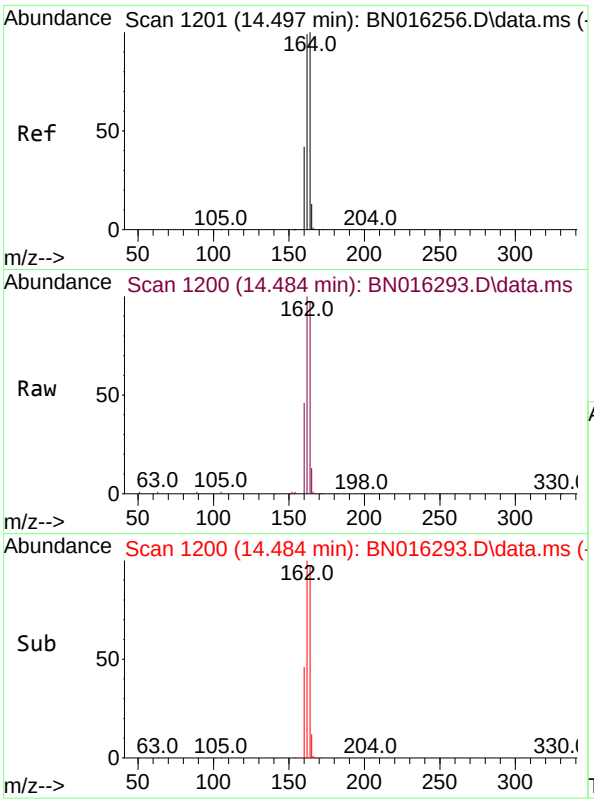
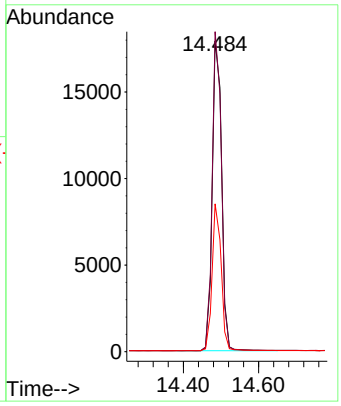
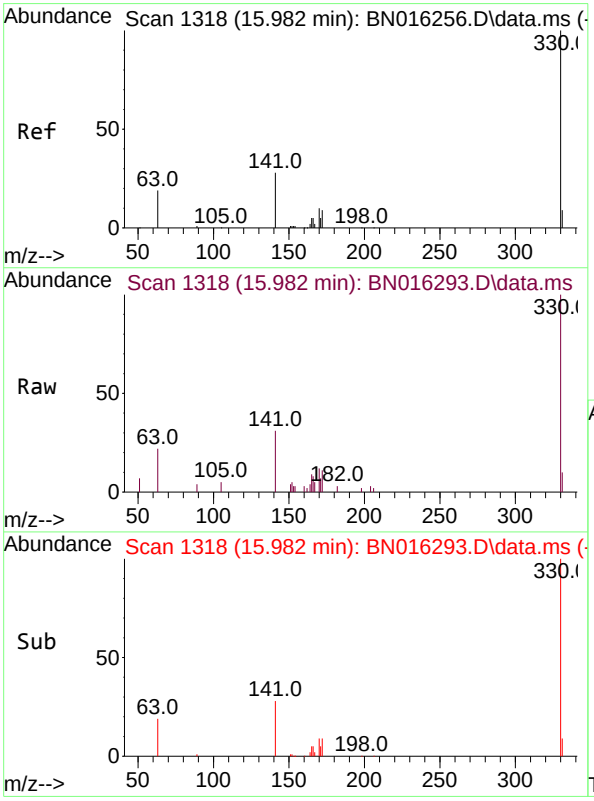


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1200
Delta R.T. -0.013 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:164 Resp: 30857

Ion	Ratio	Lower	Upper
164	100		
162	103.0	79.0	118.4
160	47.6	34.1	51.1

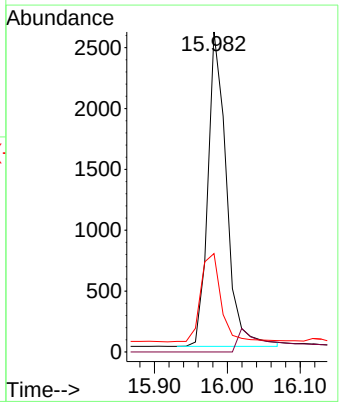


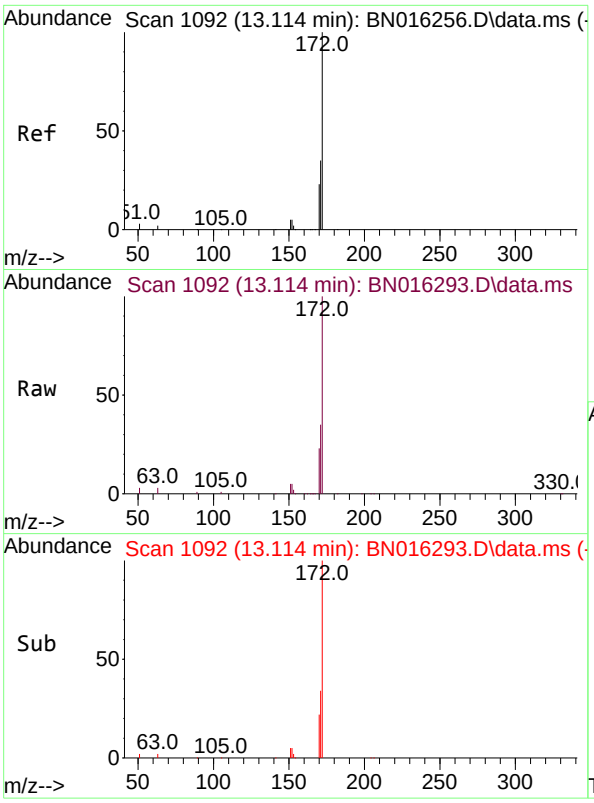


#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 15.982 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:330 Resp: 4526

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.9	25.0	37.4

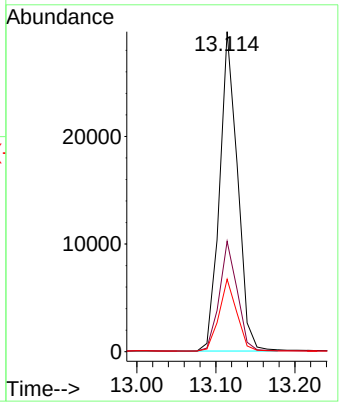




#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:172 Resp: 46816

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	22.7	18.2	27.2



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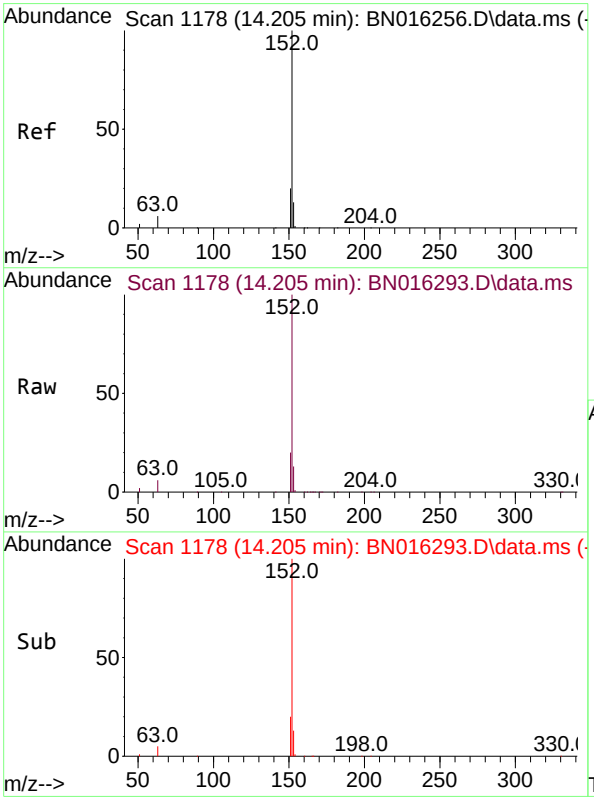
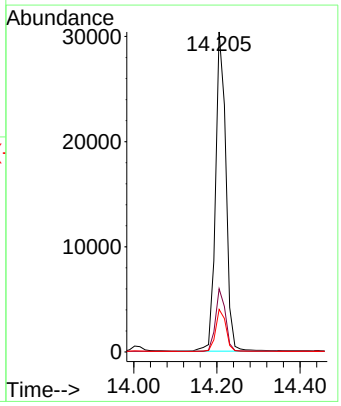


#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.205 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:152 Resp: 52504

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8
153	13.2	10.5	15.7



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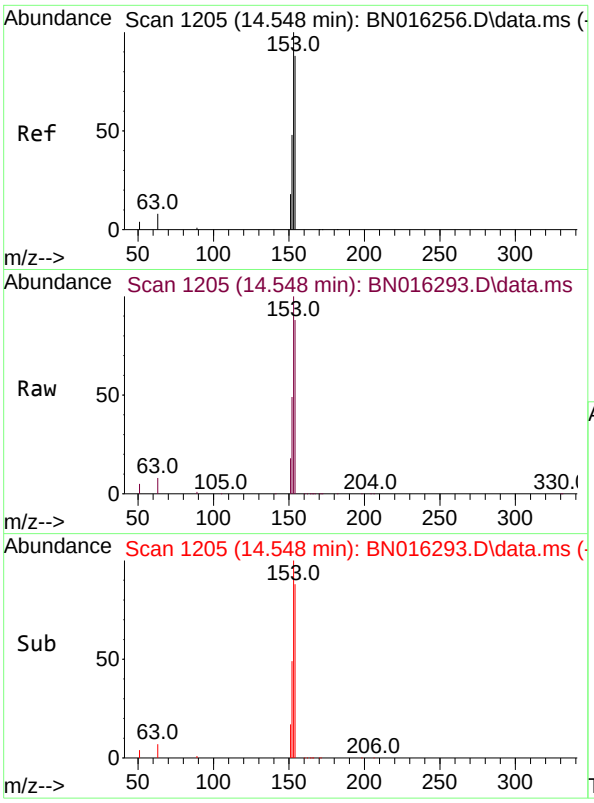
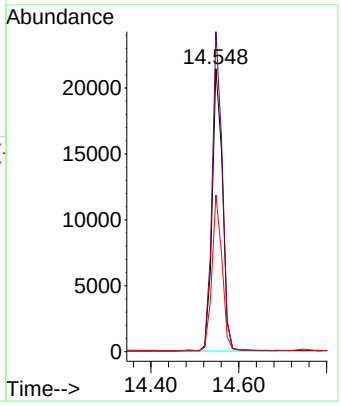
BNA_N
ClientSampleId :
PB138988BS

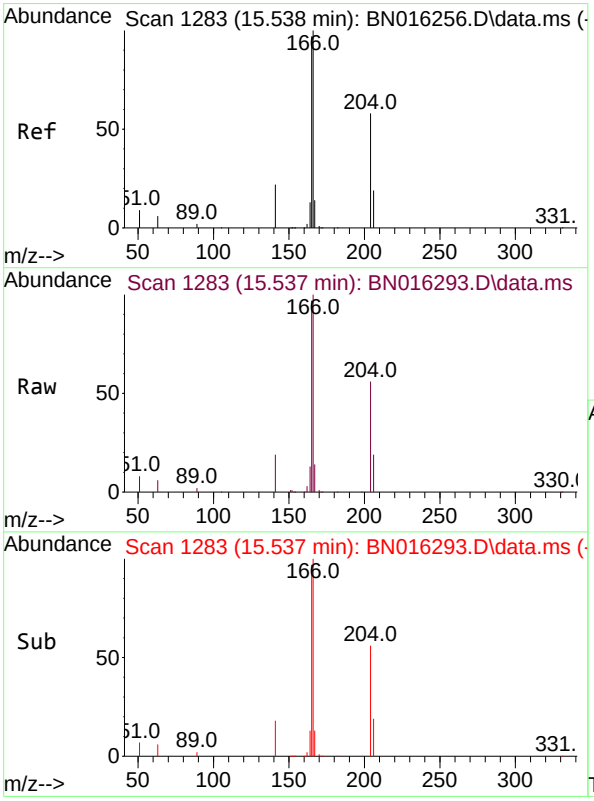


#17
Acenaphthene
Concen: 0.388 ng
RT: 14.548 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:154 Resp: 34793

Ion	Ratio	Lower	Upper
154	100		
153	110.9	89.3	133.9
152	53.7	42.2	63.4

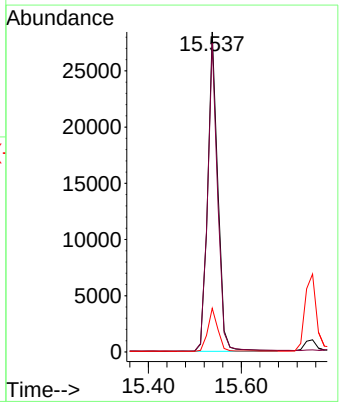




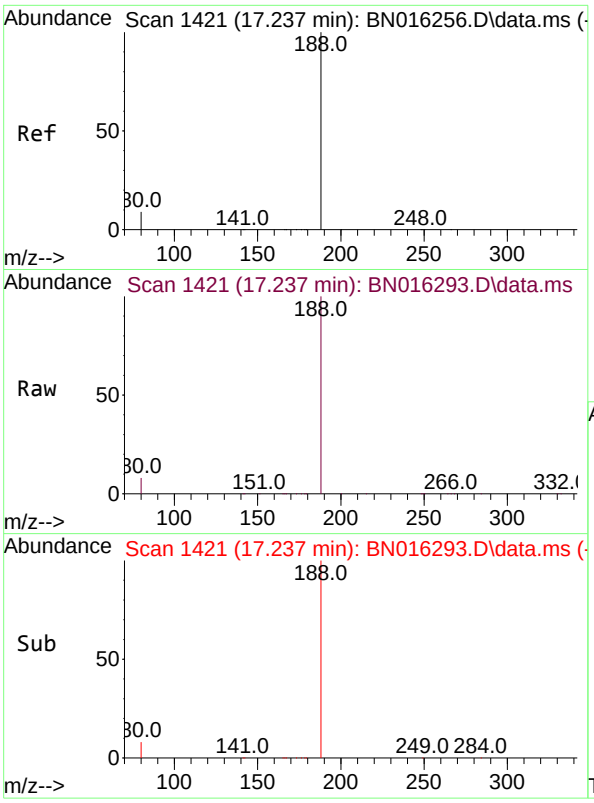
#18
Fluorene
Concen: 0.389 ng
RT: 15.537 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:166 Resp: 43125

Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.7	115.1
167	13.5	10.9	16.3



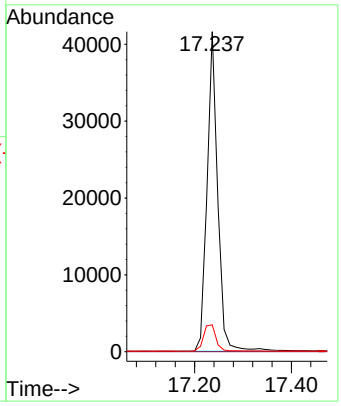
Instrument :
BNA_N
ClientSampleId :
PB138988BS

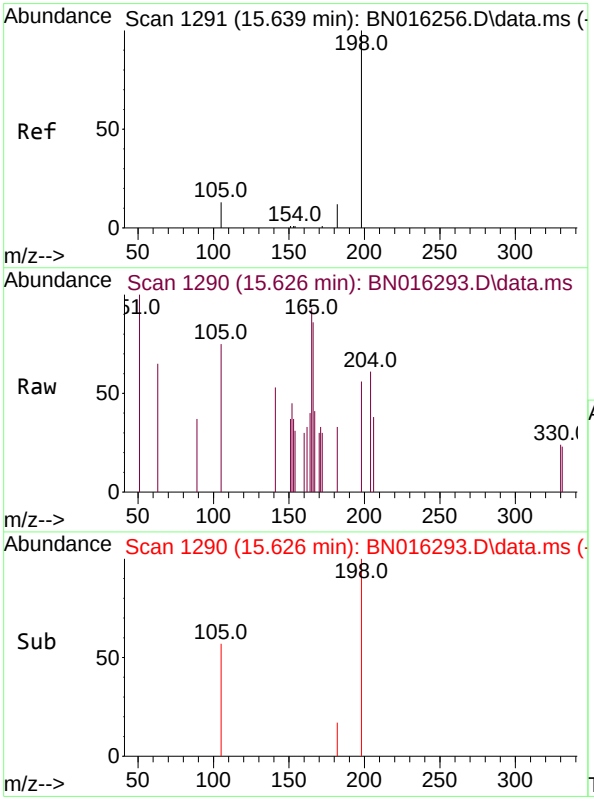


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:188 Resp: 63609

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

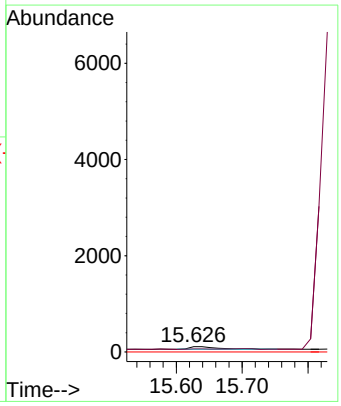




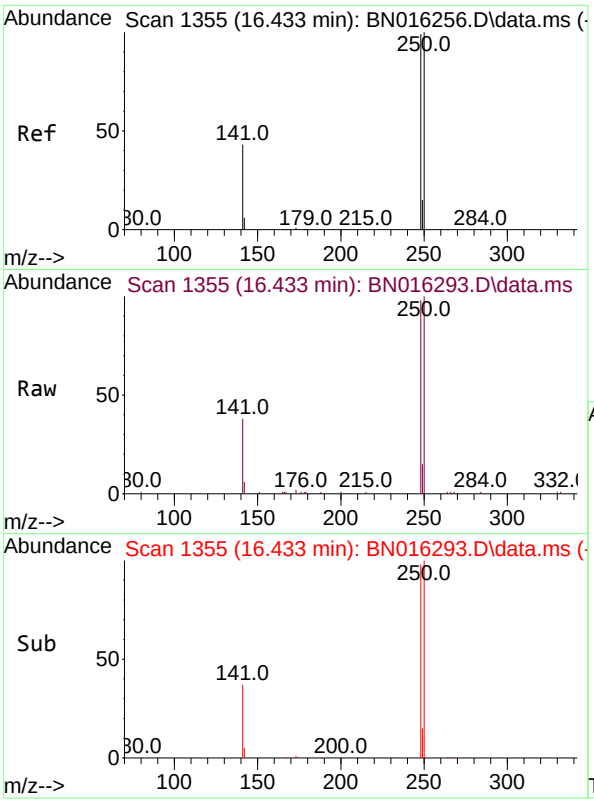
#20
4,6-Dinitro-2-methylphenol
Concen: 0.276 ng
RT: 15.626 min Scan# 1290
Delta R.T. -0.013 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:198 Resp: 174

Ion	Ratio	Lower	Upper
198	100		
182	58.7	26.6	39.8#
77	0.0	0.0	0.0



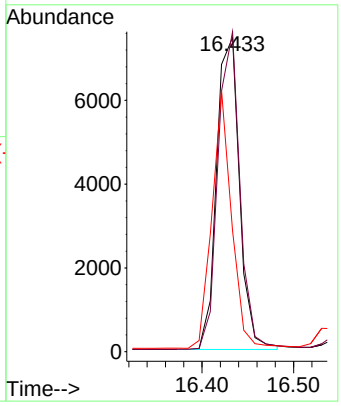
Instrument :
BNA_N
ClientSampleId :
PB138988BS

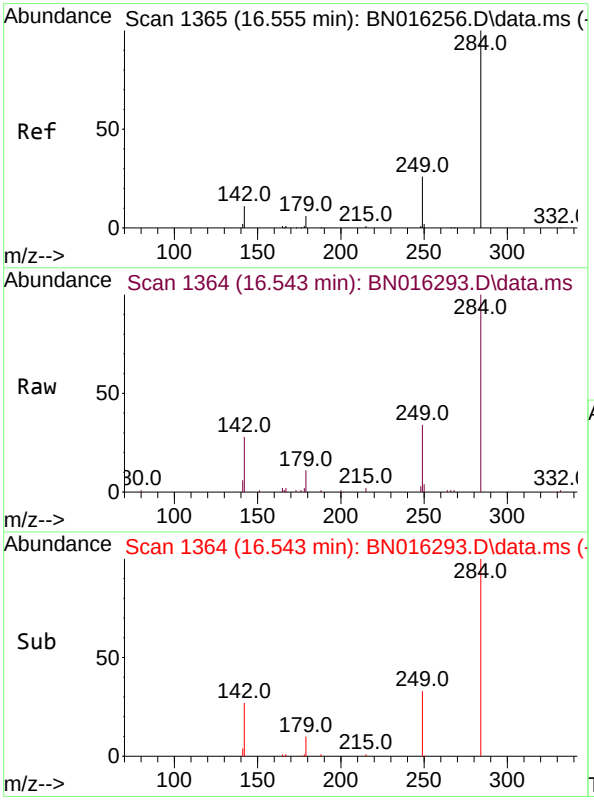


#21
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.433 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:248 Resp: 12973

Ion	Ratio	Lower	Upper
248	100		
250	101.8	80.5	120.7
141	38.5	34.8	52.2

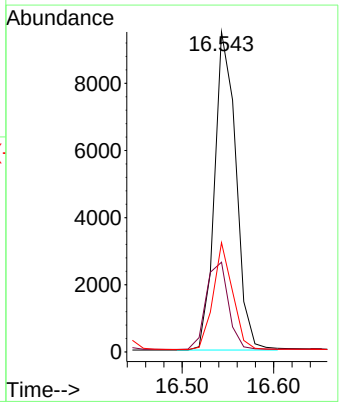




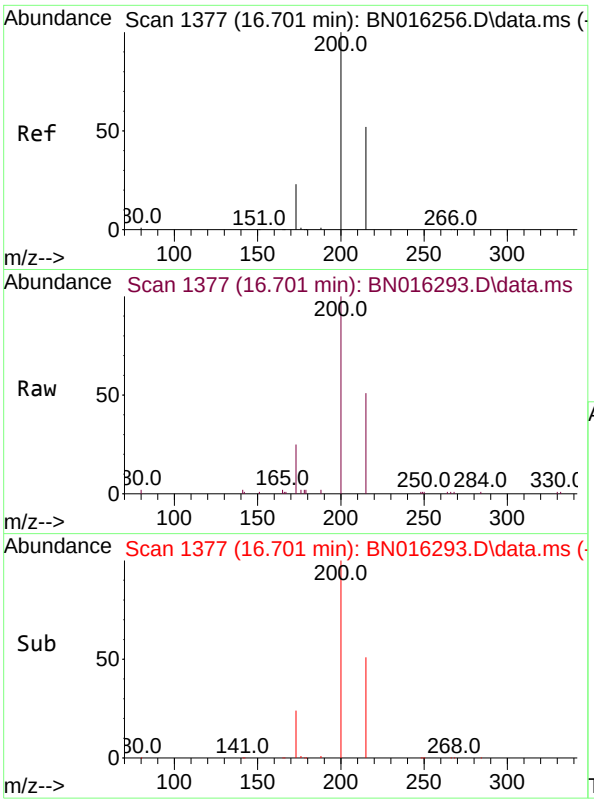
#22
Hexachlorobenzene
Concen: 0.378 ng
RT: 16.543 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:284 Resp: 15400

Ion	Ratio	Lower	Upper
284	100		
142	28.6	22.6	34.0
249	30.5	24.4	36.6



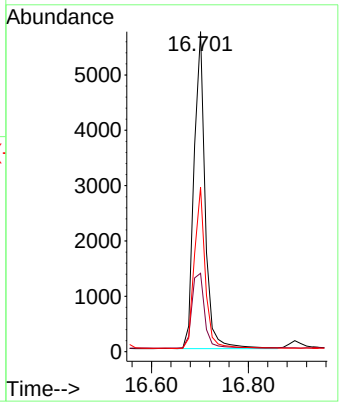
Instrument :
BNA_N
ClientSampleId :
PB138988BS

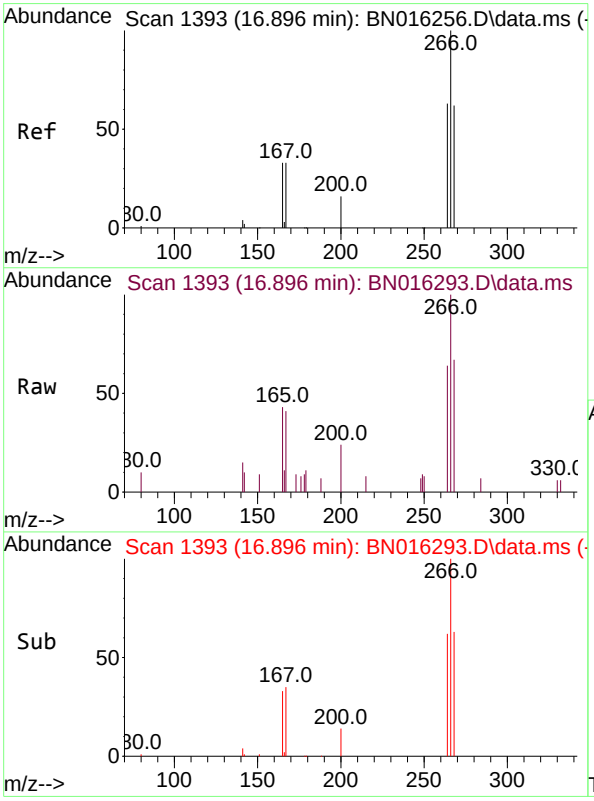


#23
Atrazine
Concen: 0.292 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:200 Resp: 9135

Ion	Ratio	Lower	Upper
200	100		
173	24.5	18.7	28.1
215	51.3	41.6	62.4

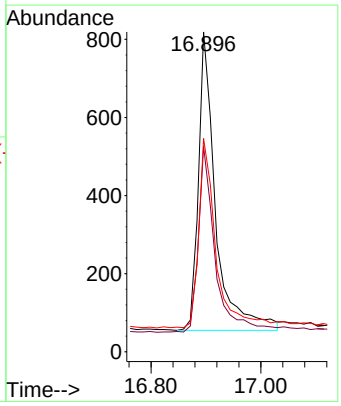


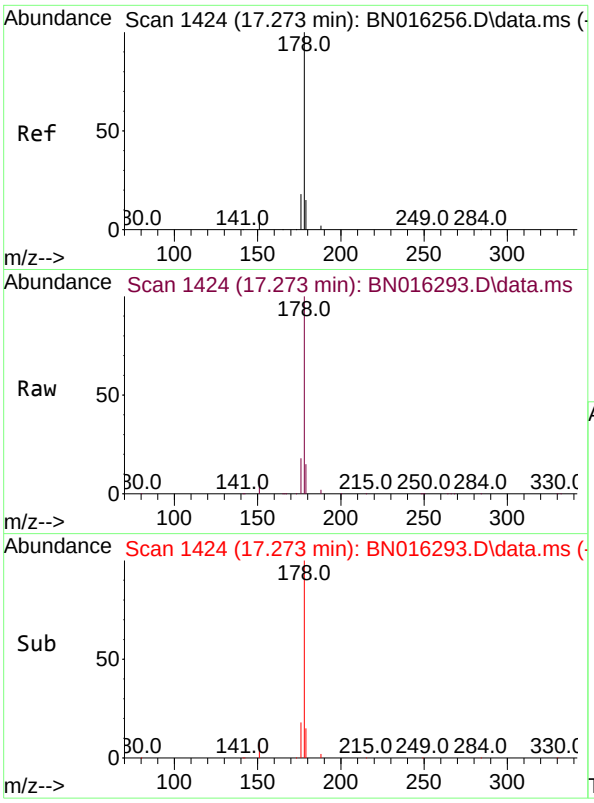


#24
Pentachlorophenol
Concen: 0.384 ng
RT: 16.896 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:266 Resp: 1661

Ion	Ratio	Lower	Upper
266	100		
264	60.4	50.6	75.8
268	63.6	52.6	79.0

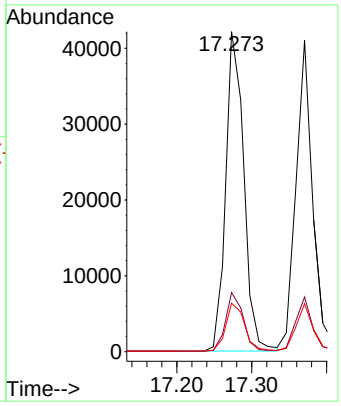




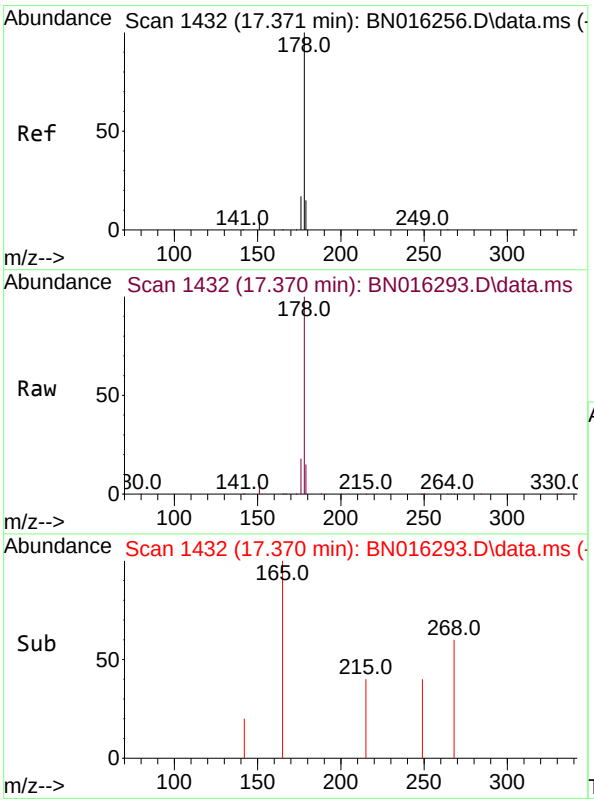
#25
Phenanthrene
Concen: 0.382 ng
RT: 17.273 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:178 Resp: 70582

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.6	12.2	18.4



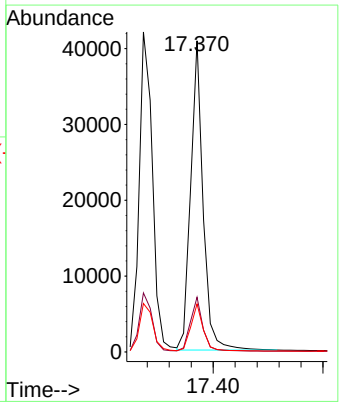
Instrument :
BNA_N
ClientSampleId :
PB138988BS

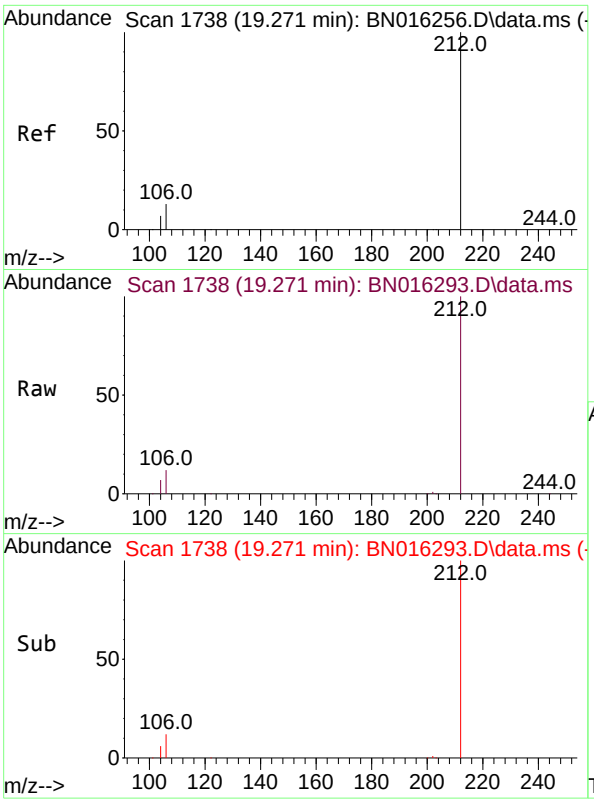


#26
Anthracene
Concen: 0.376 ng
RT: 17.370 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:178 Resp: 63916

Ion	Ratio	Lower	Upper
178	100		
176	17.4	13.9	20.9
179	15.2	12.2	18.4

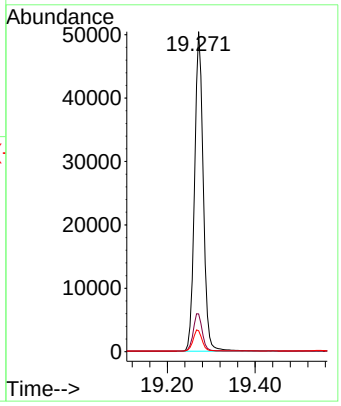




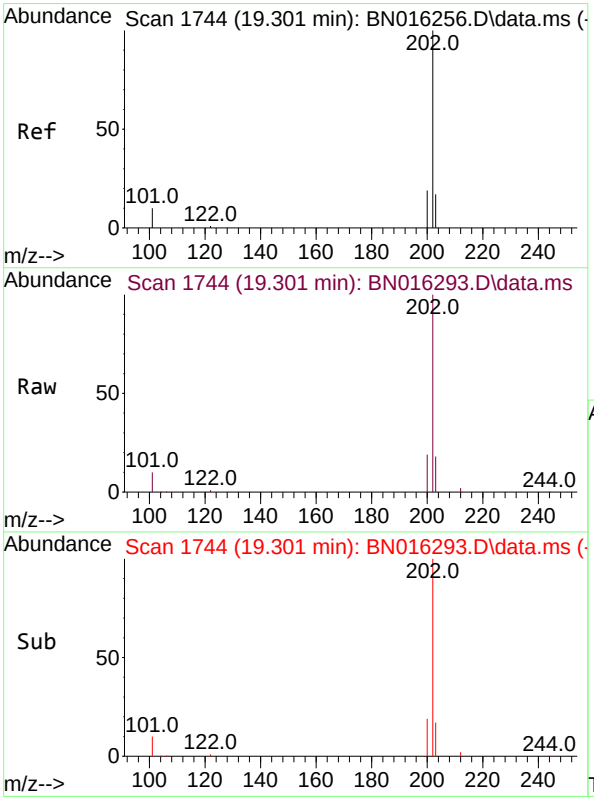
#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.271 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:212 Resp: 69238

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.8	14.6
104	6.8	5.4	8.2



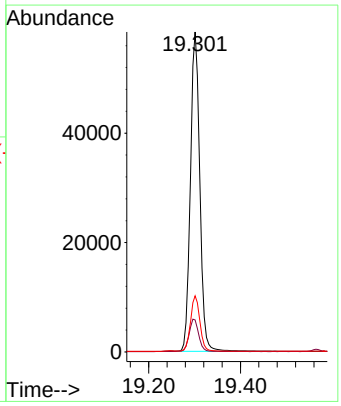
Instrument :
BNA_N
ClientSampleId :
PB138988BS



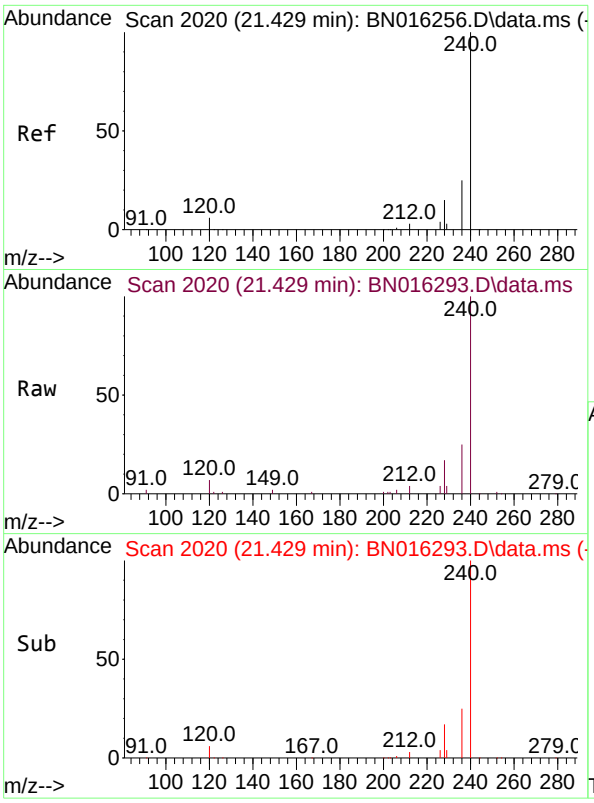
#28
Fluoranthene
Concen: 0.381 ng
RT: 19.301 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:202 Resp: 82523

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.5	12.7
203	17.1	13.8	20.8



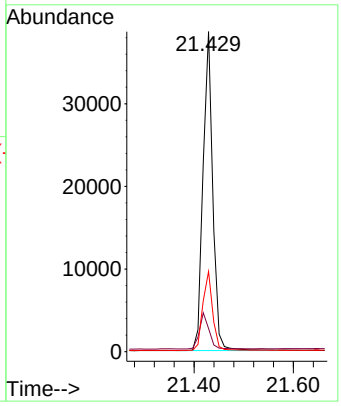
Instrument :
BNA_N
ClientSampleId :
PB138988BS

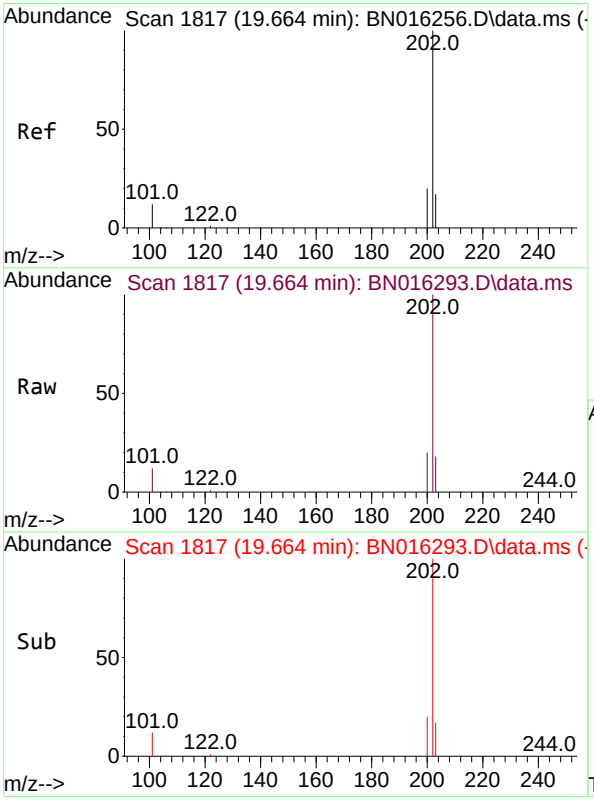


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:240 Resp: 52333

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.3	7.9
236	25.1	19.8	29.8

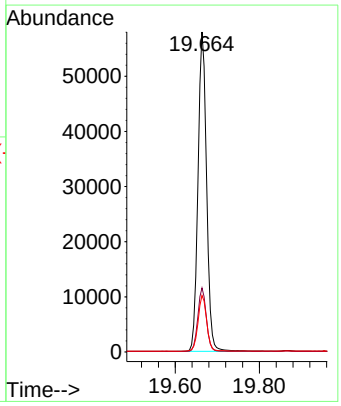




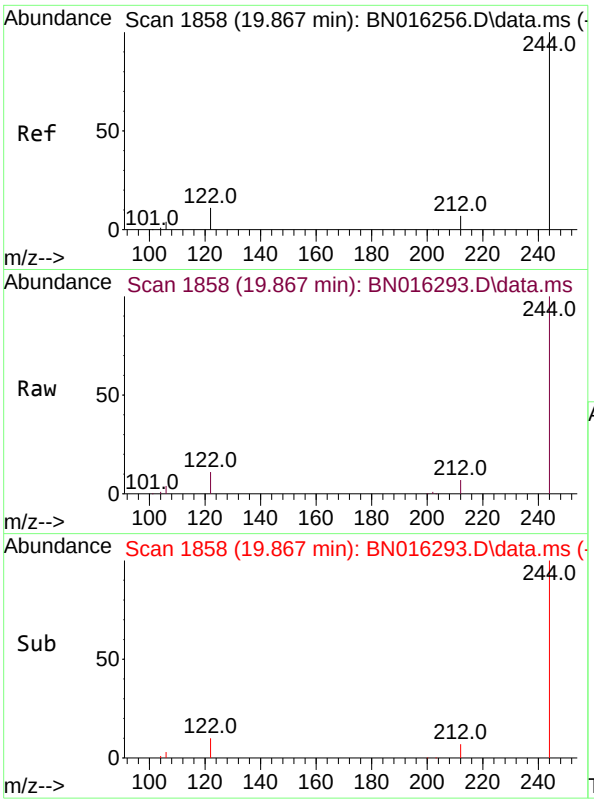
#30
Pyrene
Concen: 0.464 ng
RT: 19.664 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:202 Resp: 82384

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.8	23.6
203	17.5	13.9	20.9



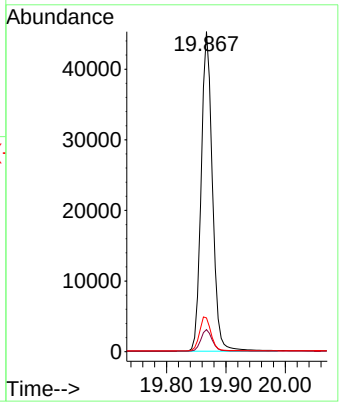
Instrument :
BNA_N
ClientSampleId :
PB138988BS

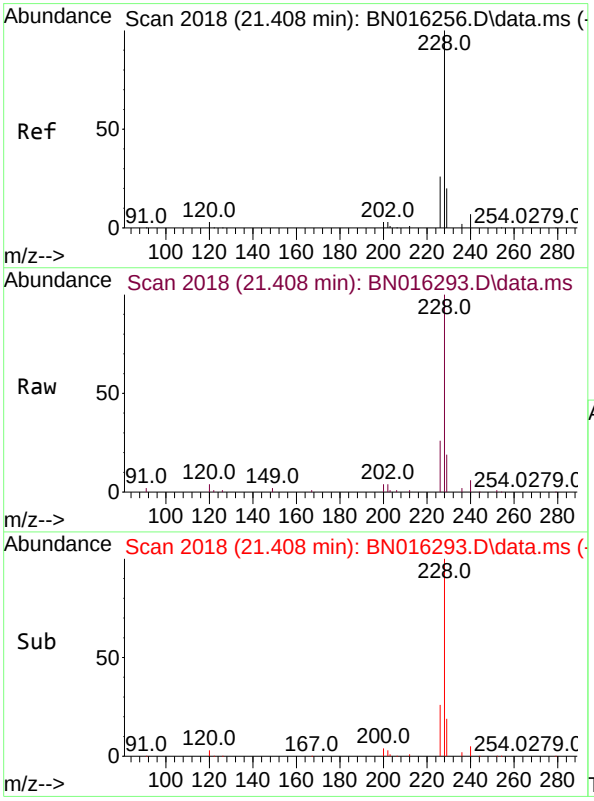


#31
Terphenyl-d14
Concen: 0.453 ng
RT: 19.867 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:244 Resp: 59471

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	10.6	9.0	13.4

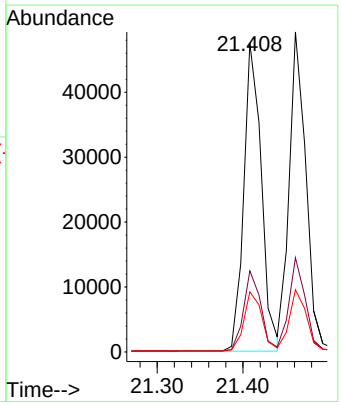




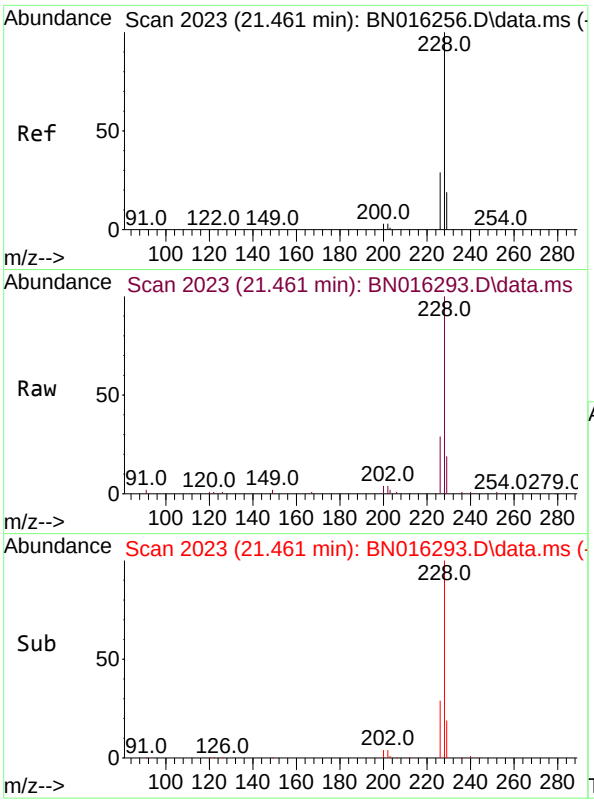
#32
Benzo(a)anthracene
Concen: 0.413 ng
RT: 21.408 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:228 Resp: 67363

Ion	Ratio	Lower	Upper
228	100		
226	26.3	20.8	31.2
229	19.5	15.8	23.6



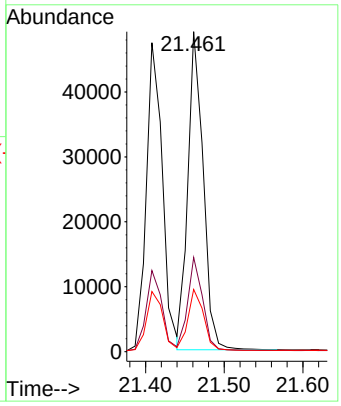
Instrument :
BNA_N
ClientSampleId :
PB138988BS

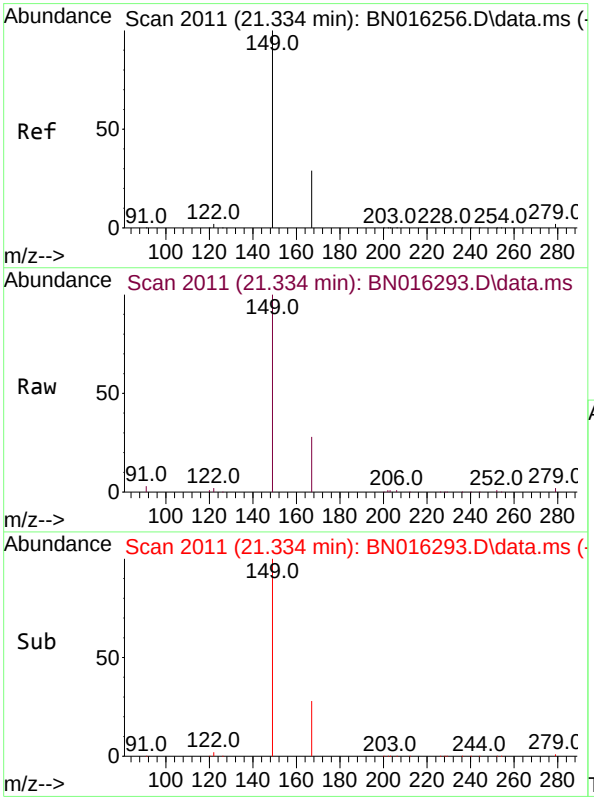


#33
Chrysene
Concen: 0.410 ng
RT: 21.461 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:228 Resp: 66302

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	19.5	15.6	23.4

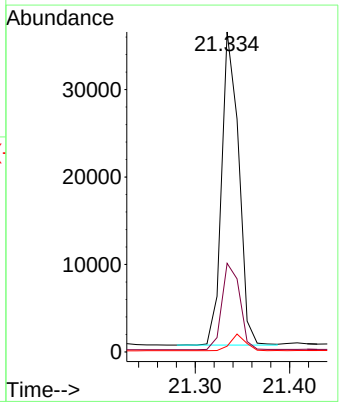




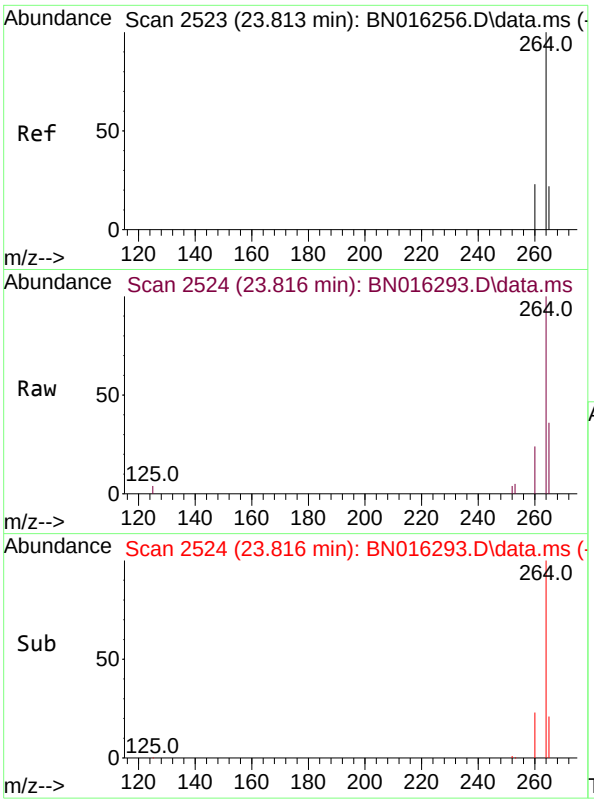
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.448 ng
RT: 21.334 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:149 Resp: 45005

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.4	35.0
279	4.8	3.9	5.9



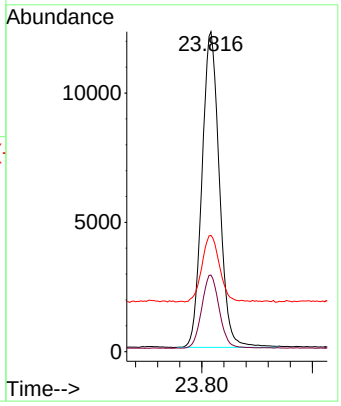
Instrument :
BNA_N
ClientSampleId :
PB138988BS

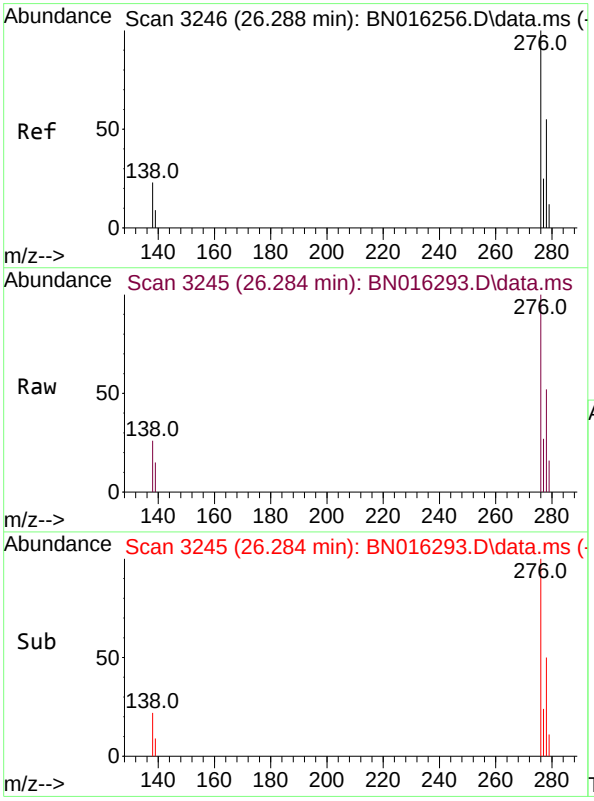


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.816 min Scan# 2524
Delta R.T. 0.003 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:264 Resp: 26714

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	36.3	23.7	35.5#

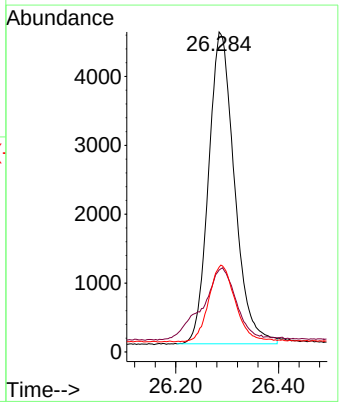




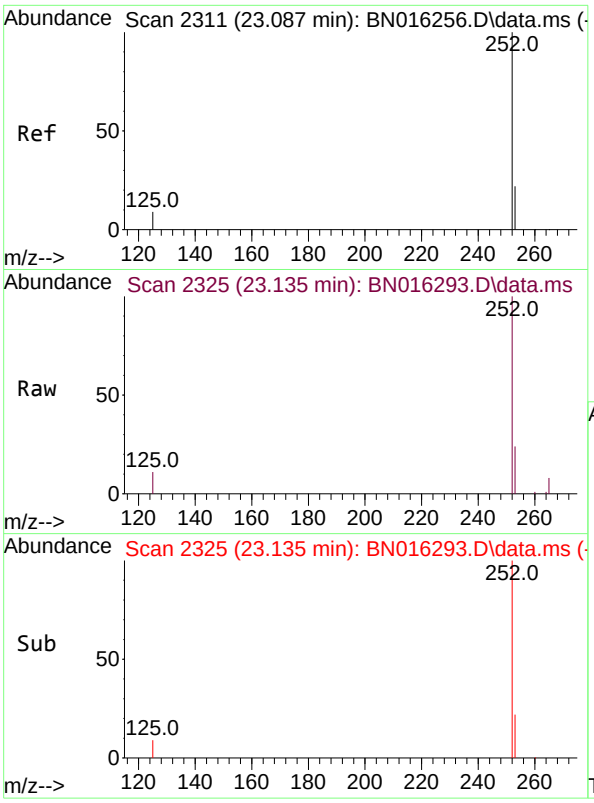
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng
RT: 26.284 min Scan# 3245
Delta R.T. -0.004 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:276 Resp: 15803

Ion	Ratio	Lower	Upper
276	100		
138	26.9	19.3	28.9
277	24.9	20.2	30.2



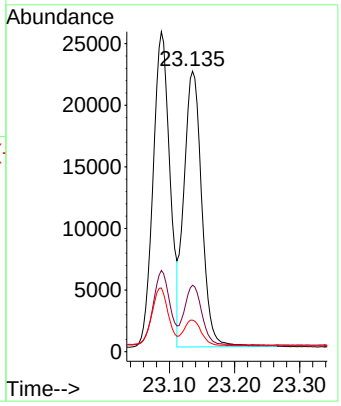
Instrument :
BNA_N
ClientSampleId :
PB138988BS

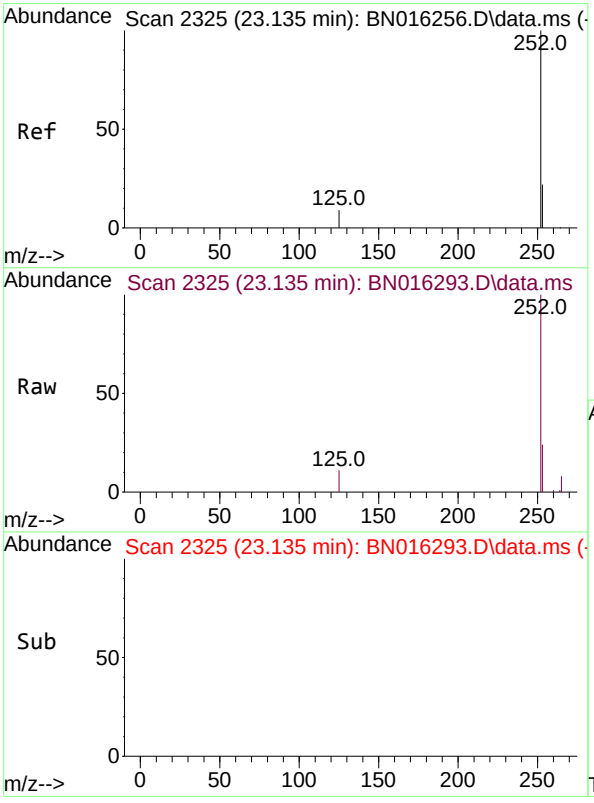


#37
Benzo(b)fluoranthene
Concen: 0.413 ng
RT: 23.135 min Scan# 2325
Delta R.T. 0.048 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:252 Resp: 42616

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	11.2	8.4	12.6

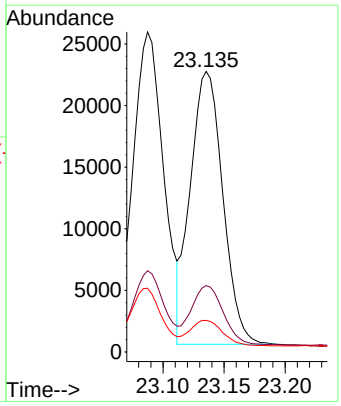




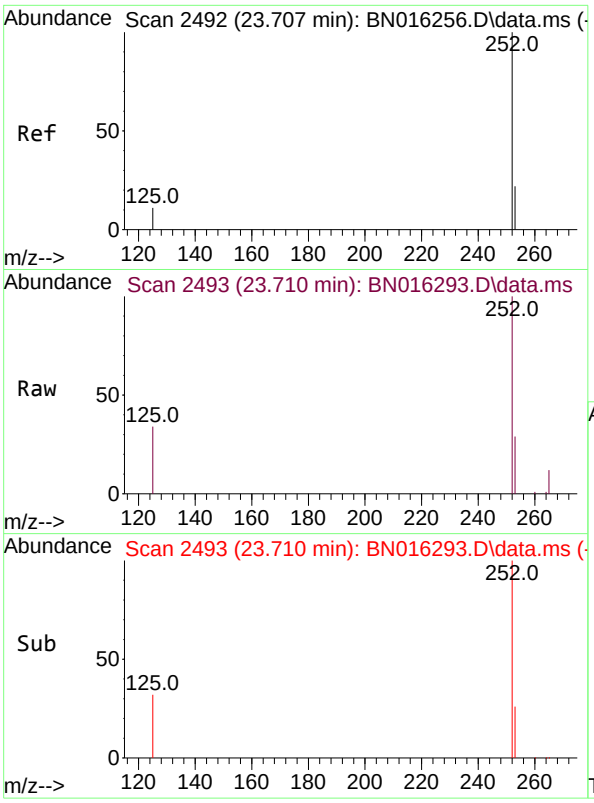
#38
Benzo(k)fluoranthene
Concen: 0.447 ng
RT: 23.135 min Scan# 2325
Delta R.T. -0.000 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:252 Resp: 41065

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	11.2	8.2	12.4



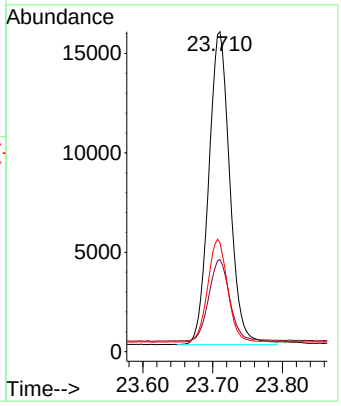
Instrument :
BNA_N
ClientSampleId :
PB138988BS

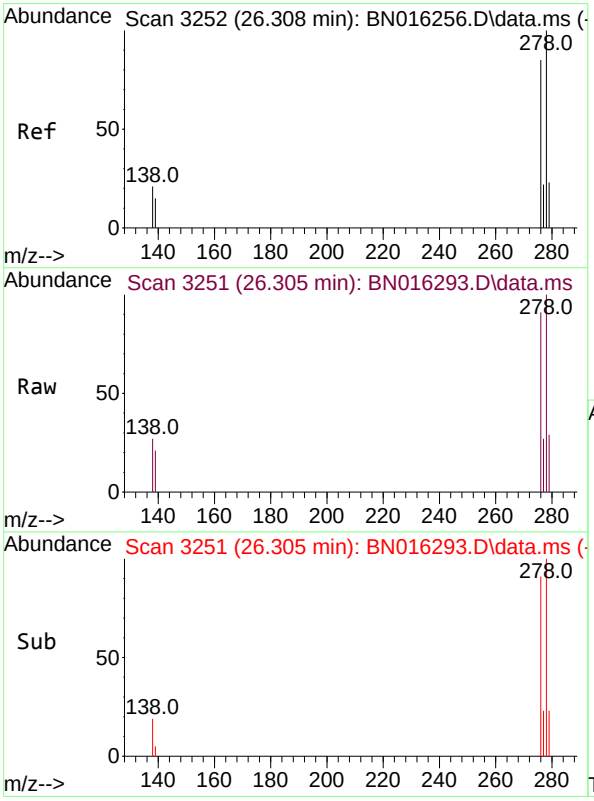


#39
Benzo(a)pyrene
Concen: 0.430 ng
RT: 23.710 min Scan# 2493
Delta R.T. 0.003 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:252 Resp: 32961

Ion	Ratio	Lower	Upper
252	100		
253	28.8	18.7	28.1#
125	34.2	9.9	14.9#

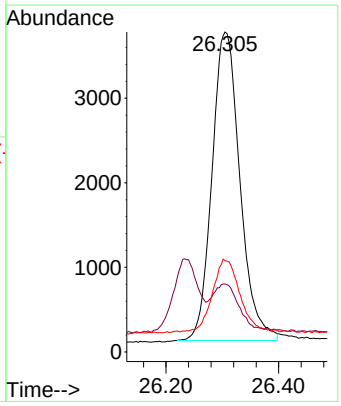


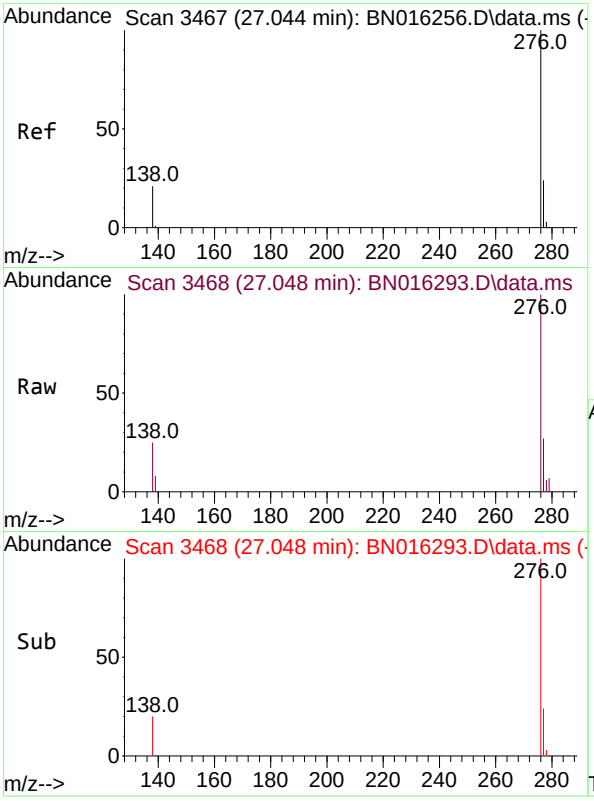


#40
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 26.305 min Scan# 3251
Delta R.T. -0.003 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:278 Resp: 12547

Ion	Ratio	Lower	Upper
278	100		
139	21.2	14.2	21.2#
279	28.6	21.3	31.9

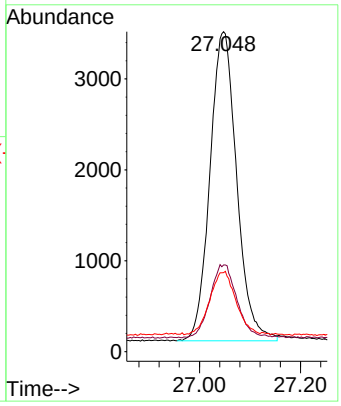




#41
Benzo(g,h,i)perylene
Concen: 0.339 ng
RT: 27.048 min Scan# 3468
Delta R.T. 0.003 min
Lab File: BN016293.D
Acq: 10 Sep 2021 16:42

Tgt Ion:276 Resp: 12522

Ion	Ratio	Lower	Upper
276	100		
277	27.1	20.5	30.7
138	24.7	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
PB138988BS