Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
Data File : BN034046.D
Acq On : 19 Sep 2024 09:33
Operator : JU/RC
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 19 10:58:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

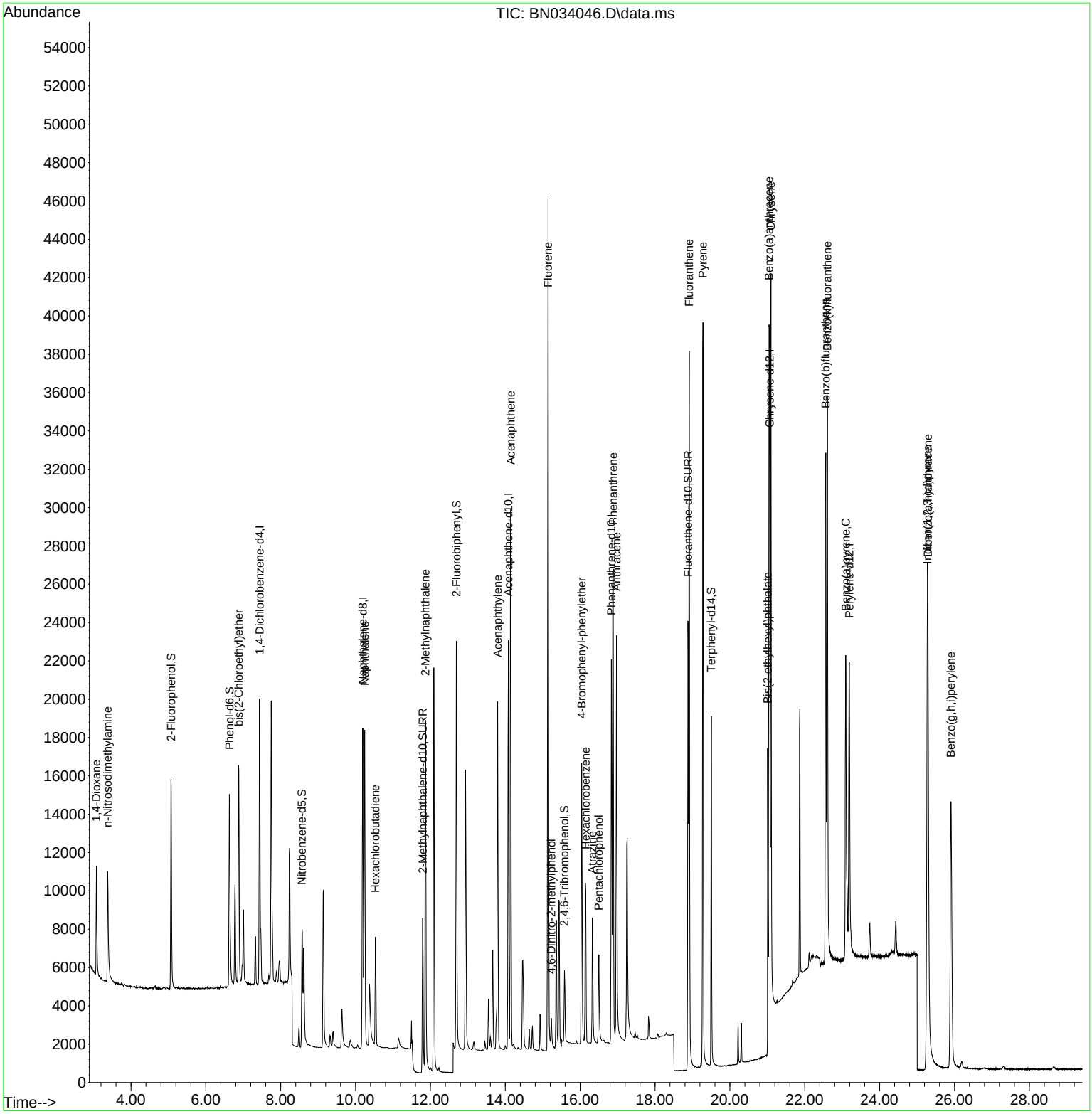
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.438	152	7320	0.400	ng		0.00
7) Naphthalene-d8	10.191	136	21524	0.400	ng		0.00
13) Acenaphthene-d10	14.083	164	11978	0.400	ng		0.00
19) Phenanthrene-d10	16.833	188	26692	0.400	ng	#	0.00
29) Chrysene-d12	21.062	240	20522	0.400	ng	#	0.00
35) Perylene-d12	23.189	264	20864	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.076	112	8977	0.432	ng		0.00
5) Phenol-d6	6.629	99	9942	0.411	ng		0.00
8) Nitrobenzene-d5	8.568	82	5912	0.359	ng		0.00
11) 2-Methylnaphthalene-d10	11.791	152	12069	0.380	ng		0.00
14) 2,4,6-Tribromophenol	15.580	330	2226	0.410	ng		0.00
15) 2-Fluorobiphenyl	12.693	172	19445	0.399	ng		0.00
27) Fluoranthene-d10	18.880	212	25616	0.380	ng		0.00
31) Terphenyl-d14	19.503	244	17600	0.429	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.075	88	3596	0.393	ng		92
3) n-Nitrosodimethylamine	3.379	42	4063	0.390	ng	#	97
6) bis(2-Chloroethyl)ether	6.882	93	8154	0.381	ng		99
9) Naphthalene	10.244	128	22814	0.386	ng		99
10) Hexachlorobutadiene	10.532	225	4385	0.394	ng	#	99
12) 2-Methylnaphthalene	11.867	142	14481	0.377	ng		99
16) Acenaphthylene	13.795	152	19206	0.375	ng		100
17) Acenaphthene	14.147	154	14449	0.393	ng		100
18) Fluorene	15.142	166	18879	0.391	ng		100
20) 4,6-Dinitro-2-methylph...	15.227	198	1226	0.385	ng	#	79
21) 4-Bromophenyl-phenylether	16.039	248	5730	0.382	ng	#	77
22) Hexachlorobenzene	16.150	284	6719	0.399	ng		99
23) Atrazine	16.324	200	5445	0.438	ng	#	96
24) Pentachlorophenol	16.498	266	2537	0.456	ng		100
25) Phenanthrene	16.883	178	29737	0.388	ng		100
26) Anthracene	16.970	178	23159	0.370	ng		99
28) Fluoranthene	18.913	202	34065	0.384	ng		100
30) Pyrene	19.280	202	35629	0.411	ng		100
32) Benzo(a)anthracene	21.044	228	25219	0.388	ng		99
33) Chrysene	21.098	228	31694	0.409	ng		99
34) Bis(2-ethylhexyl)phtha...	21.008	149	8997	0.333	ng		99
36) Indeno(1,2,3-cd)pyrene	25.273	276	33340	0.373	ng		100
37) Benzo(b)fluoranthene	22.560	252	31132	0.381	ng		99
38) Benzo(k)fluoranthene	22.601	252	35099	0.409	ng		99
39) Benzo(a)pyrene	23.095	252	25374	0.381	ng		98
40) Dibenzo(a,h)anthracene	25.291	278	25266	0.364	ng		99
41) Benzo(g,h,i)perylene	25.905	276	27814	0.357	ng		100

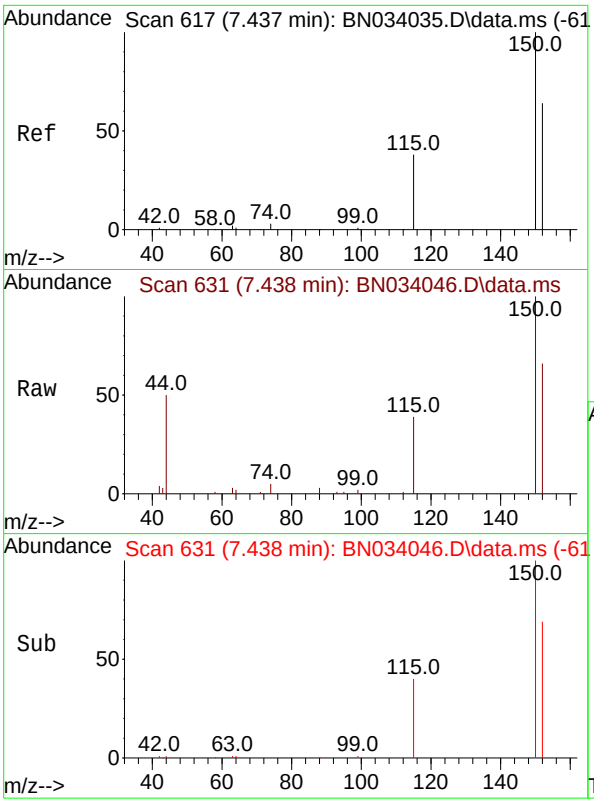
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
Data File : BN034046.D
Acq On : 19 Sep 2024 09:33
Operator : JU/RC
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 19 10:58:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration



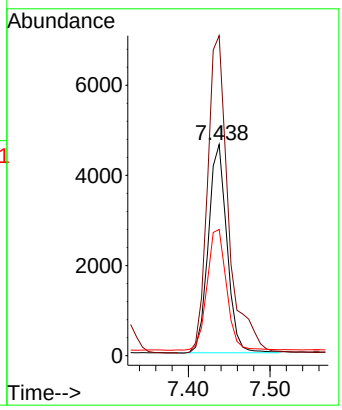


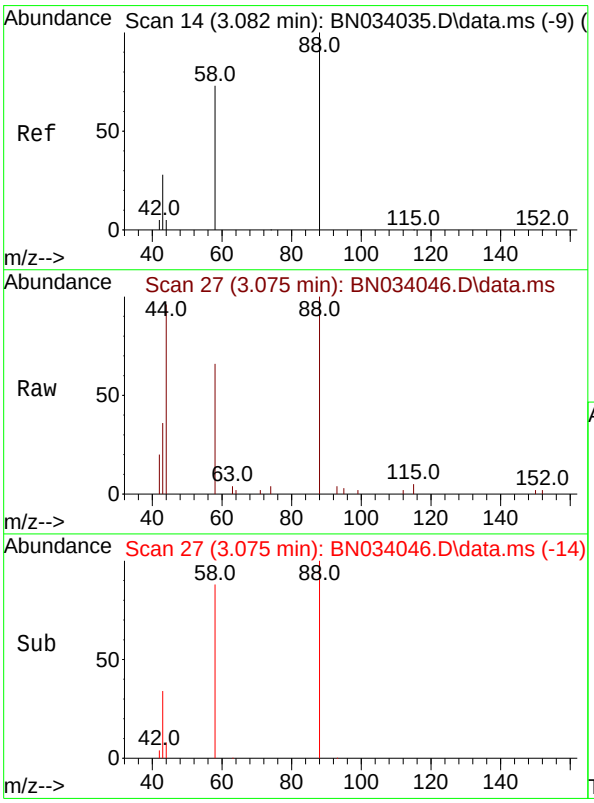
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.438 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7320

Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.6	187.0
115	59.8	50.0	75.0

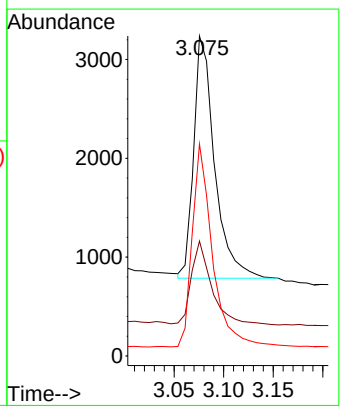


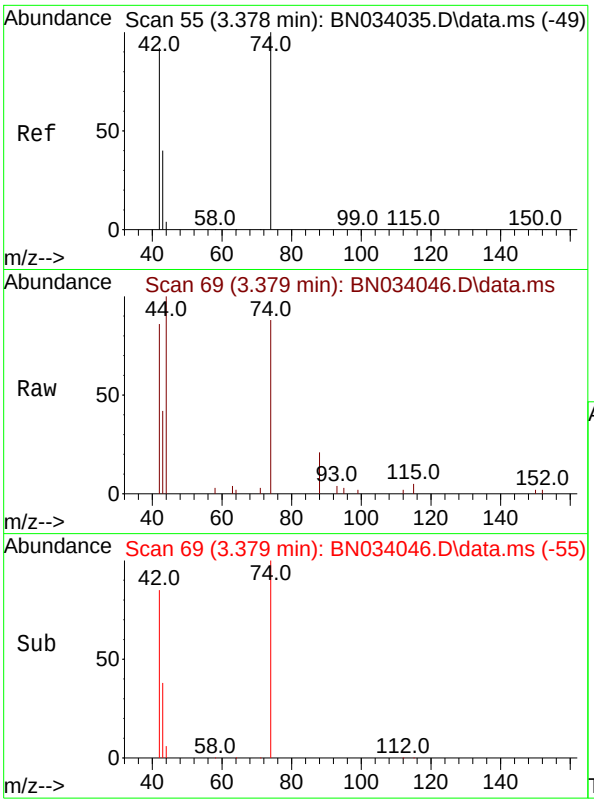


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.075 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion: 88 Resp: 3596

Ion	Ratio	Lower	Upper
88	100		
43	34.0	25.8	38.8
58	81.5	58.8	88.2



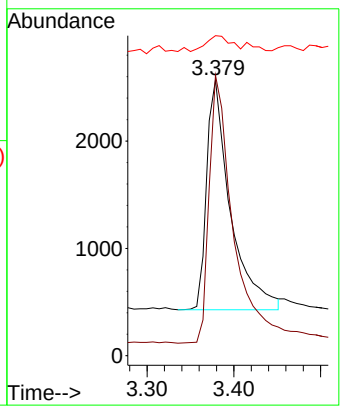


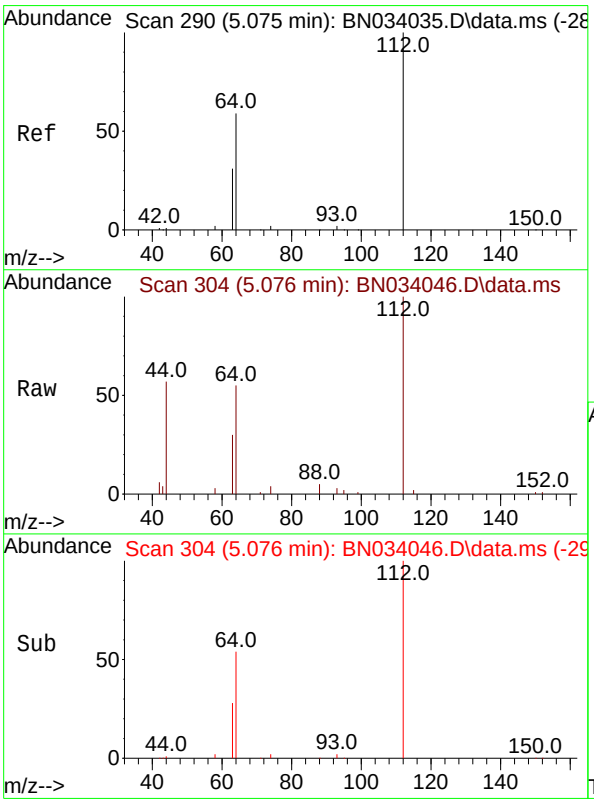
#3
n-Nitrosodimethylamine
Concen: 0.390 ng
RT: 3.379 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 4063

Ion	Ratio	Lower	Upper
42	100		
74	117.6	94.6	142.0
44	7.6	12.4	18.6#

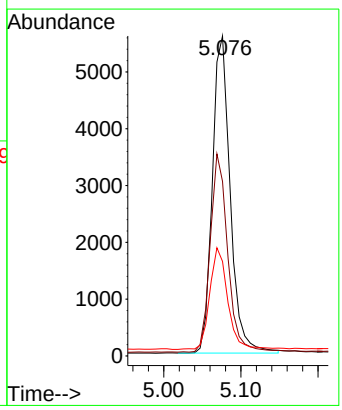


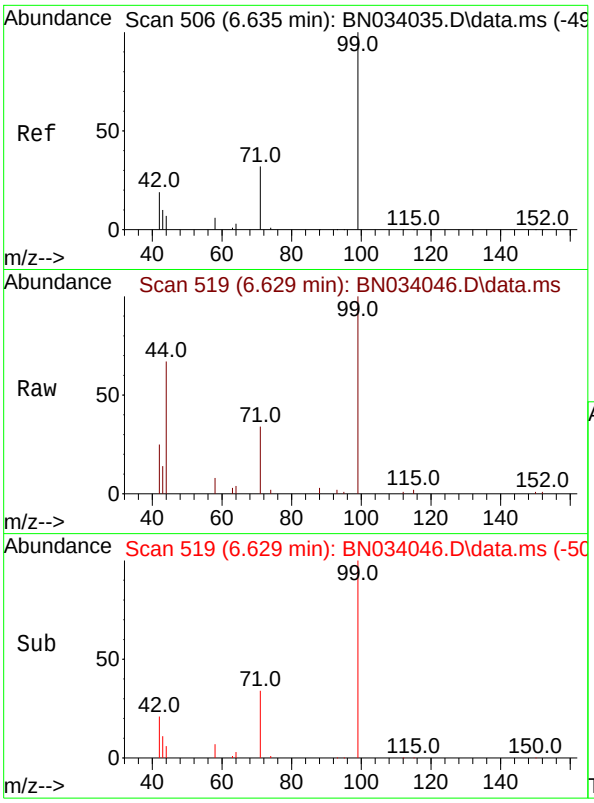


#4
2-Fluorophenol
Concen: 0.432 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:112 Resp: 8977

Ion	Ratio	Lower	Upper
112	100		
64	61.3	48.6	72.8
63	32.0	25.6	38.4



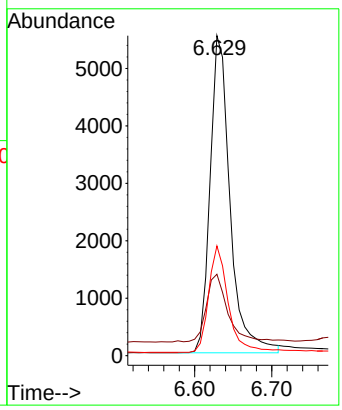


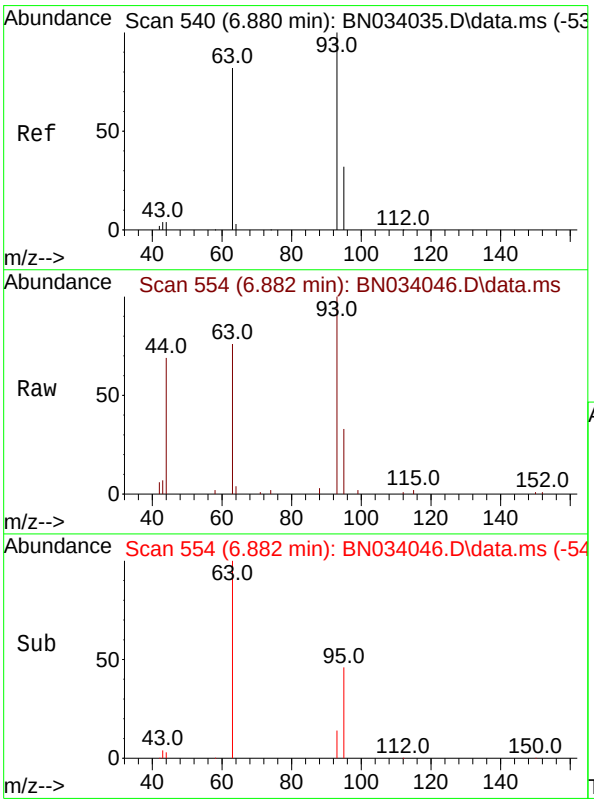
#5
Phenol-d6
Concen: 0.411 ng
RT: 6.629 min Scan# 5
Delta R.T. -0.006 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 9942

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.8	26.8
71	32.6	26.2	39.2

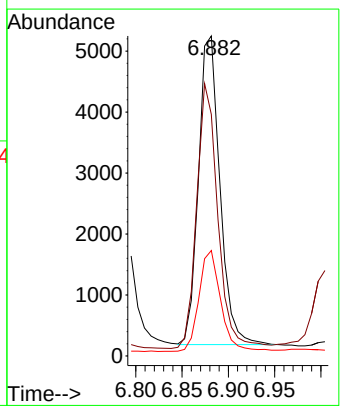


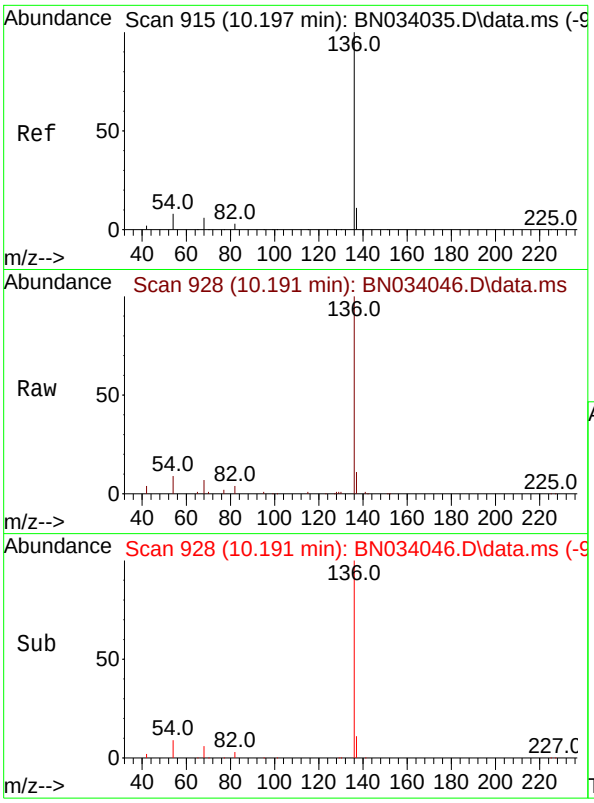


#6
bis(2-Chloroethyl)ether
Concen: 0.381 ng
RT: 6.882 min Scan# 554
Delta R.T. 0.001 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion: 93 Resp: 8154

Ion	Ratio	Lower	Upper
93	100		
63	84.9	67.3	100.9
95	33.0	26.8	40.2



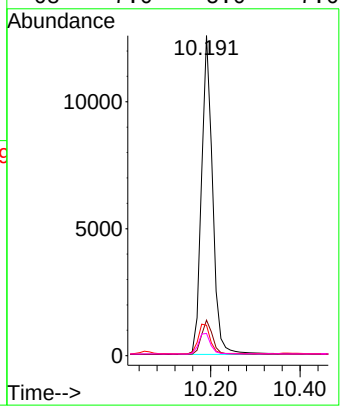


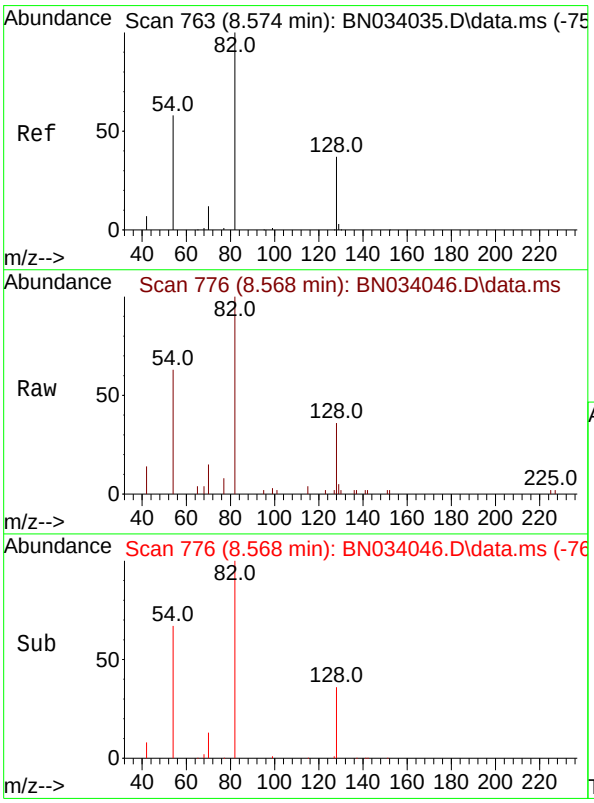
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 9
Delta R.T. -0.006 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 21524

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.5	6.8	10.2
68	7.0	5.0	7.6

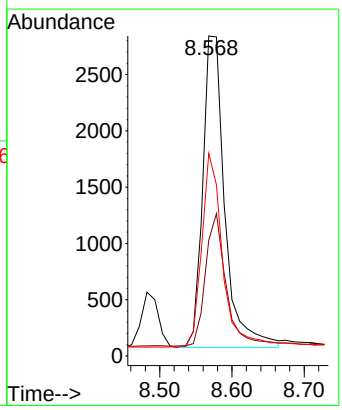


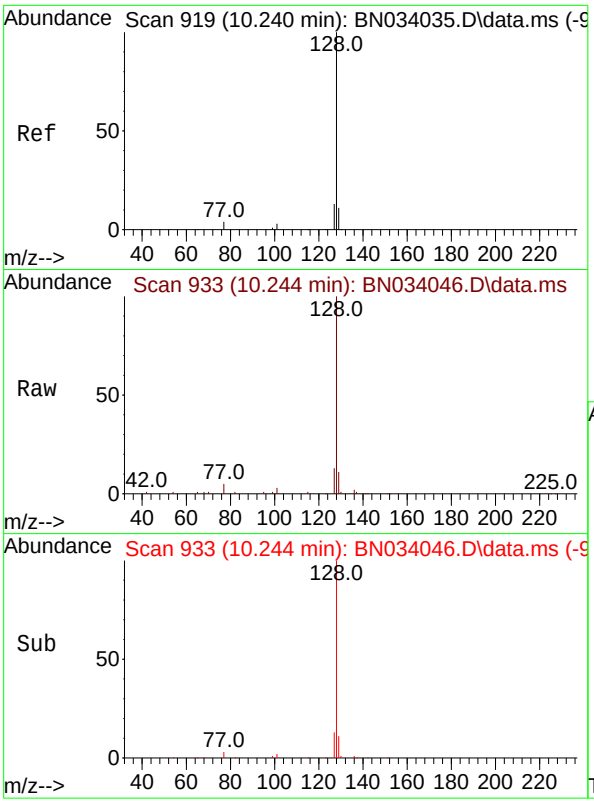


#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion: 82 Resp: 5912

Ion	Ratio	Lower	Upper
82	100		
128	36.2	31.4	47.2
54	63.3	47.4	71.0



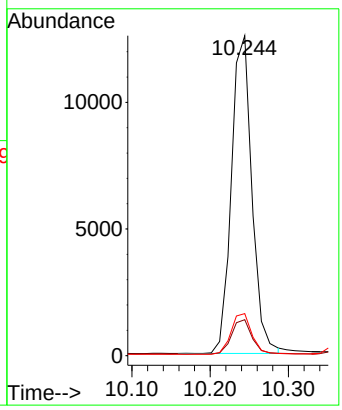


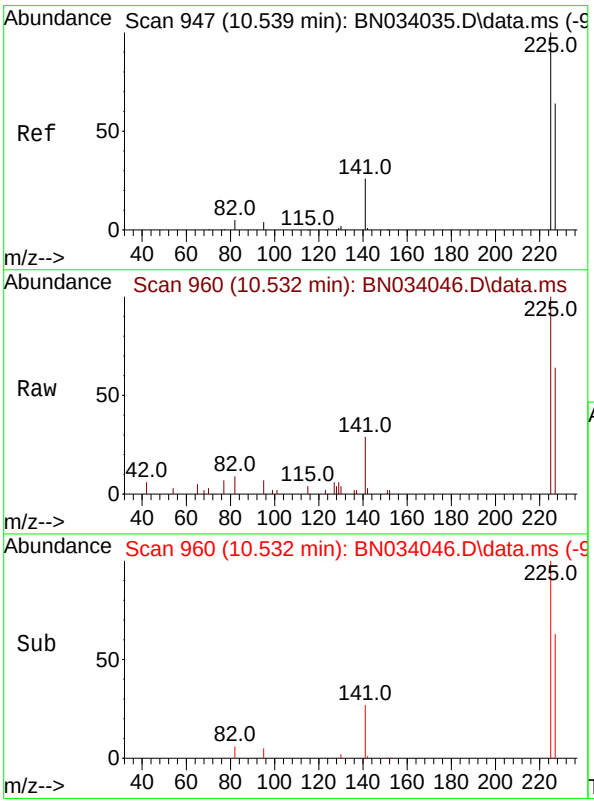
#9
Naphthalene
Concen: 0.386 ng
RT: 10.244 min Scan# 9
Delta R.T. 0.005 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 22814

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.2	10.7	16.1

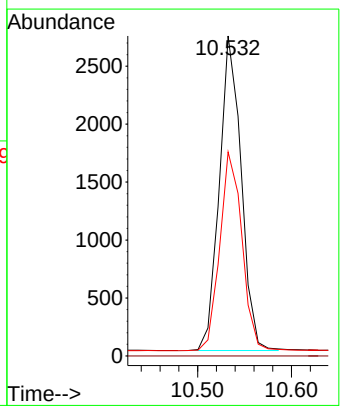


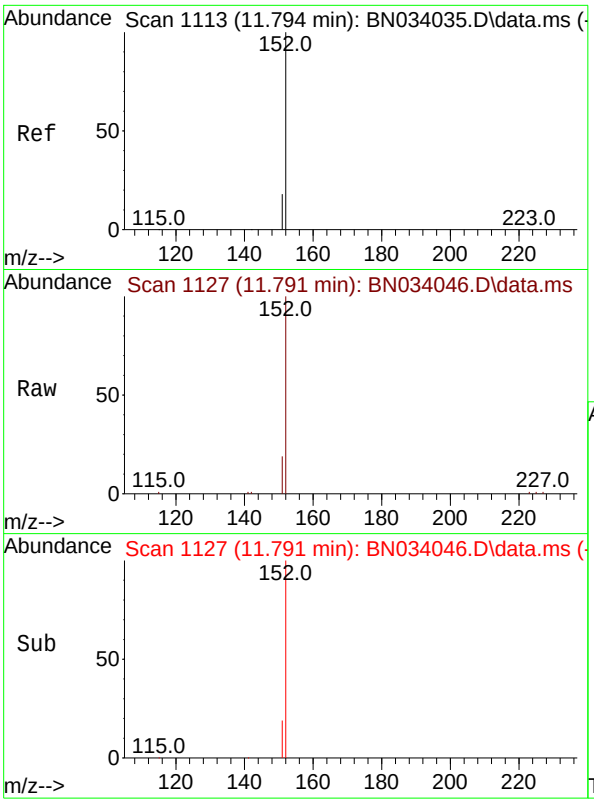


#10
Hexachlorobutadiene
Concen: 0.394 ng
RT: 10.532 min Scan# 960
Delta R.T. -0.006 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:225 Resp: 4385

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.5	75.7



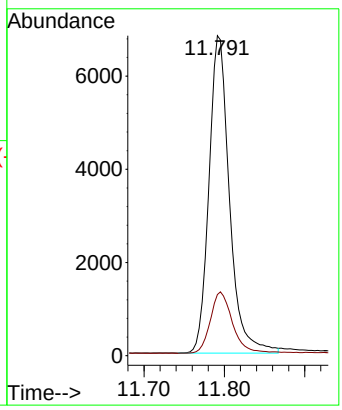


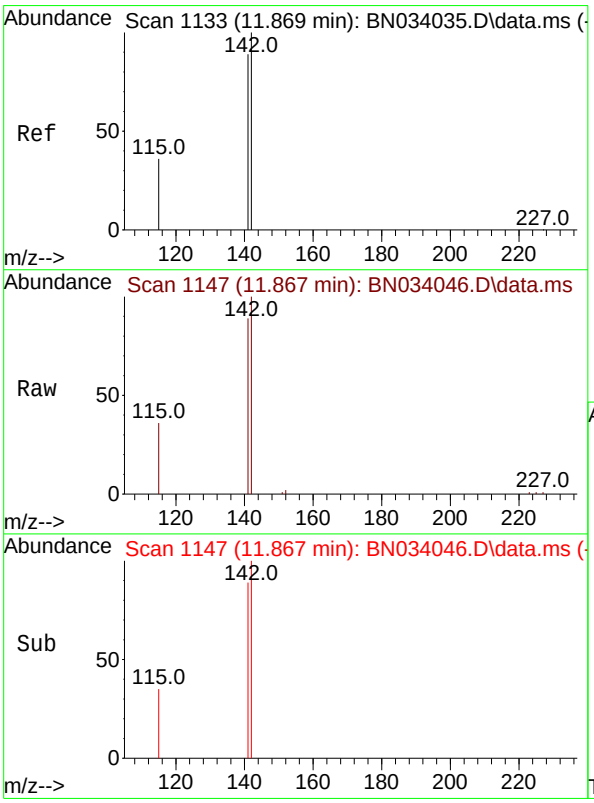
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 11.791 min Scan# 11
Delta R.T. -0.002 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12069

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2

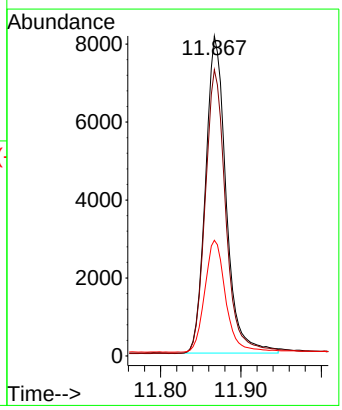


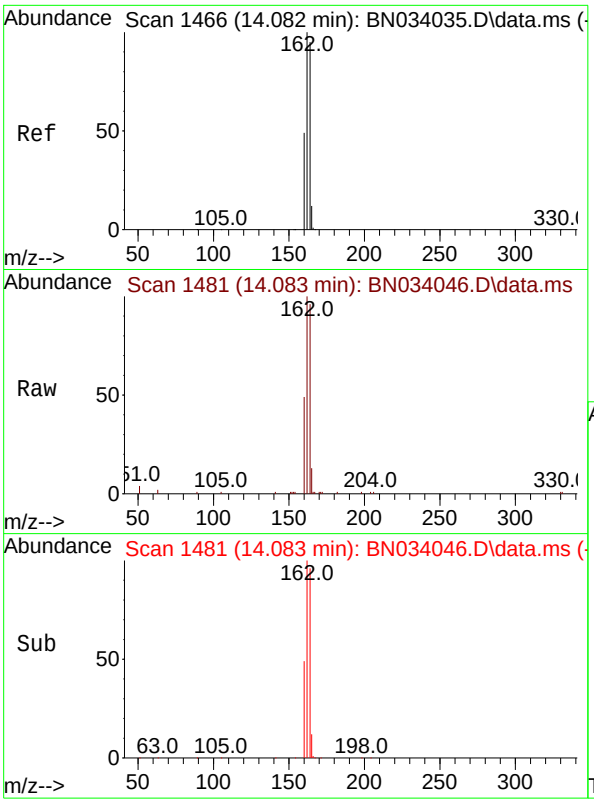


#12
2-Methylnaphthalene
Concen: 0.377 ng
RT: 11.867 min Scan# 1147
Delta R.T. -0.002 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:142 Resp: 14481

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.6	107.4
115	36.2	30.0	45.0



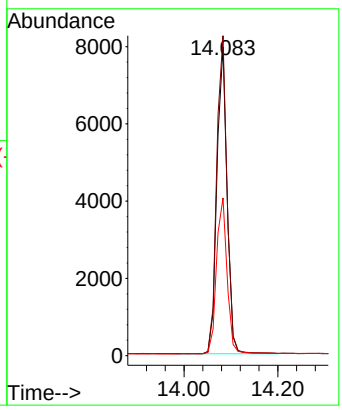


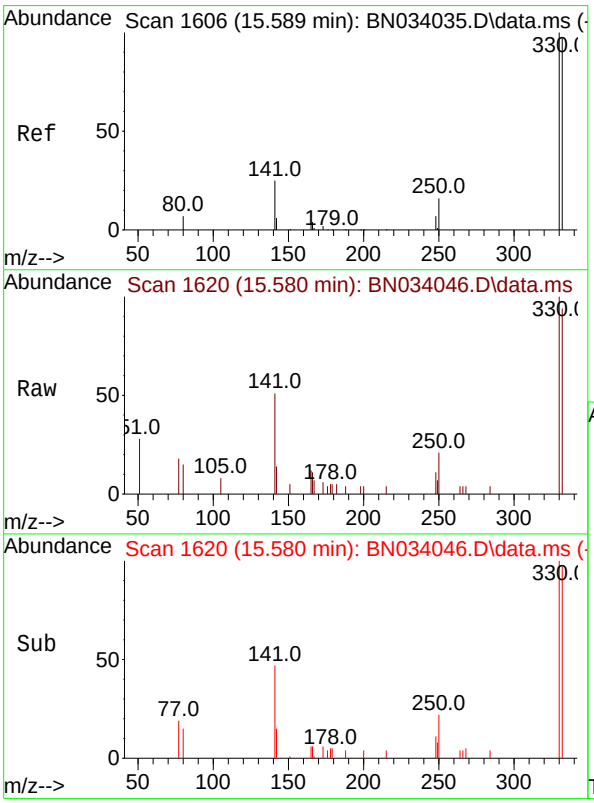
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.083 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11978

Ion	Ratio	Lower	Upper
164	100		
162	103.7	84.2	126.2
160	51.1	41.7	62.5

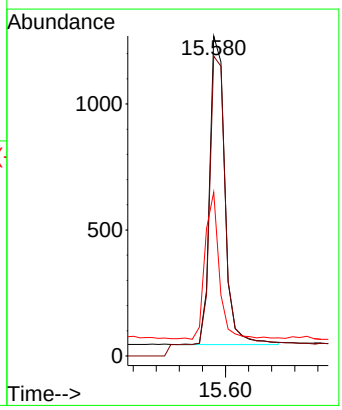


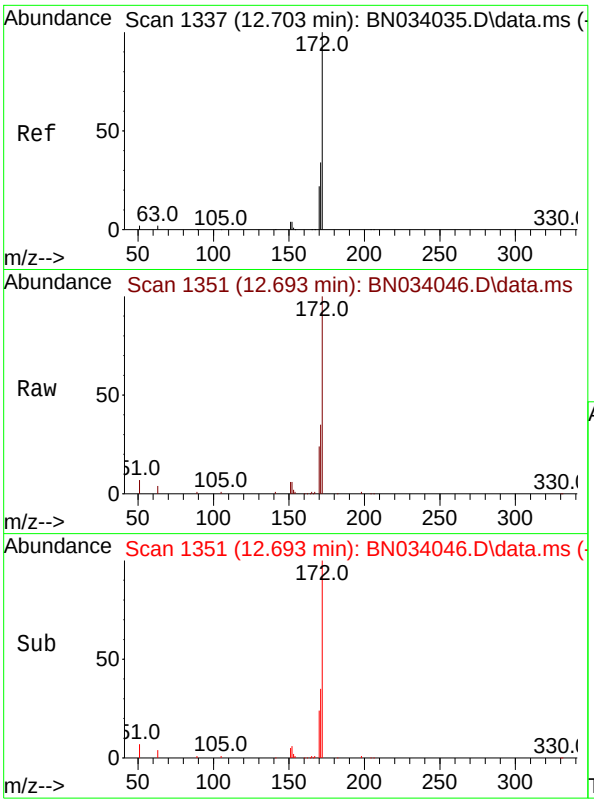


#14
2,4,6-Tribromophenol
Concen: 0.410 ng
RT: 15.580 min Scan# 1620
Delta R.T. -0.009 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:330 Resp: 2226

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	44.2	35.9	53.9



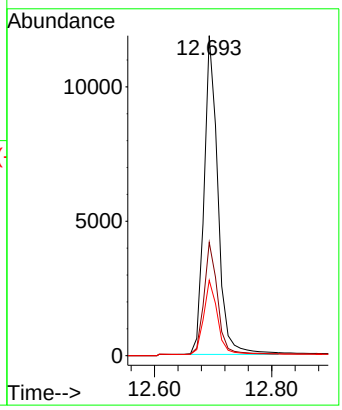


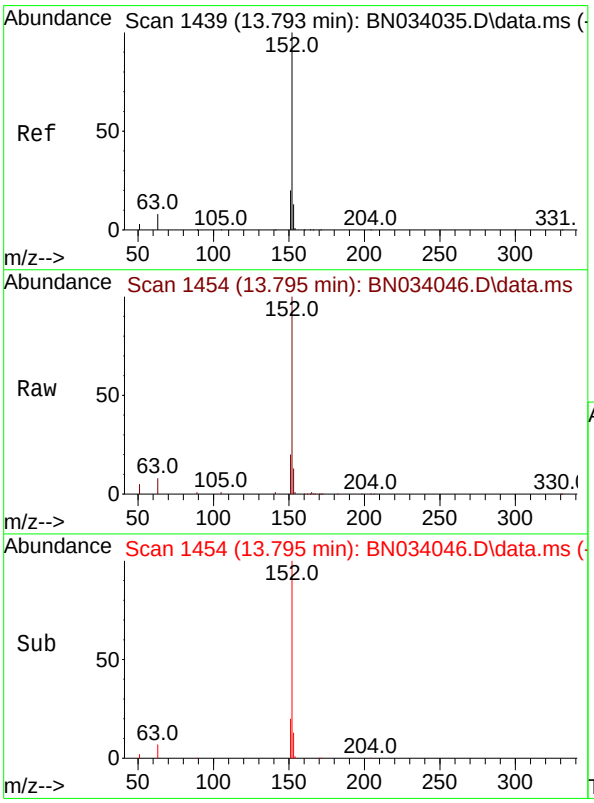
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.693 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 19445

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.3	40.9
170	23.6	18.1	27.1

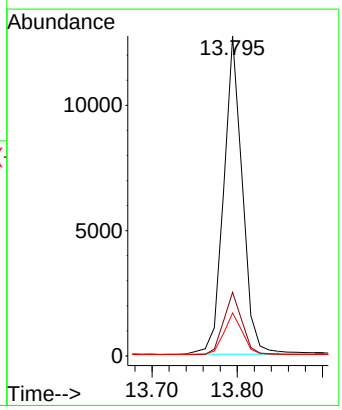


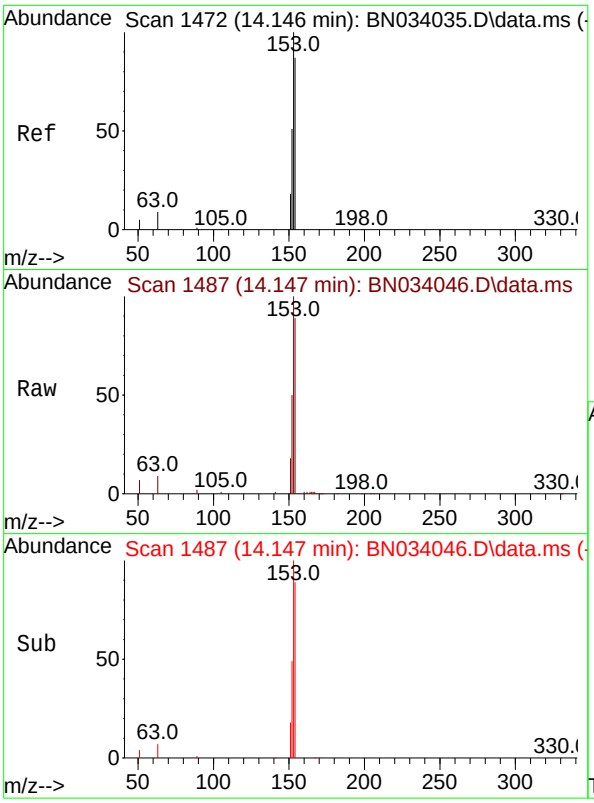


#16
Acenaphthylene
Concen: 0.375 ng
RT: 13.795 min Scan# 1454
Delta R.T. 0.001 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:152 Resp: 19206

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.2	10.3	15.5



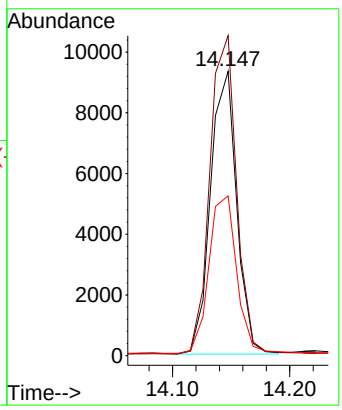


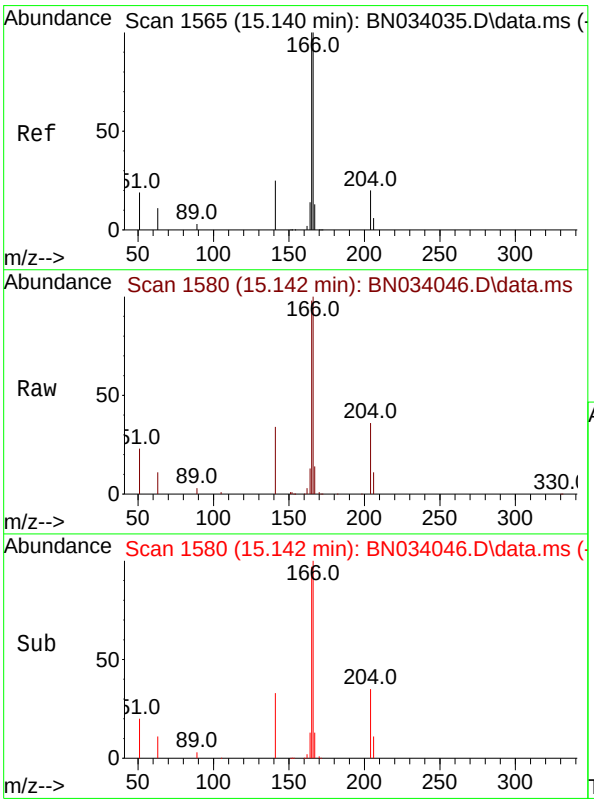
#17
Acenaphthene
Concen: 0.393 ng
RT: 14.147 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 14449

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.6	137.4
152	59.1	47.4	71.2

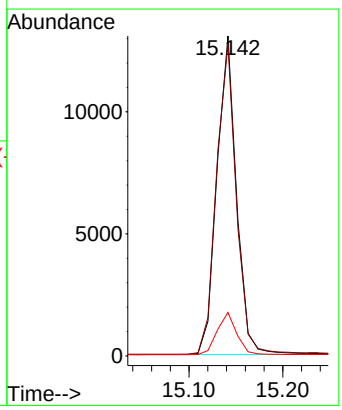


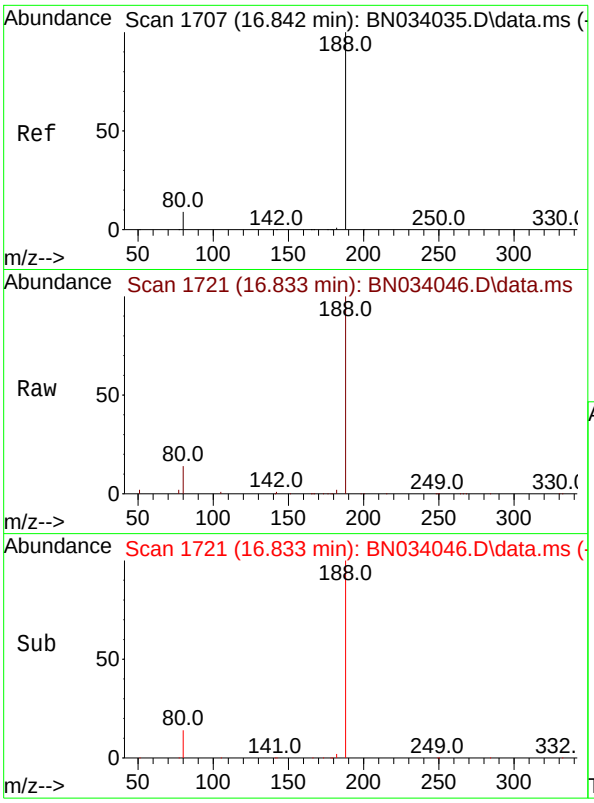


#18
Fluorene
Concen: 0.391 ng
RT: 15.142 min Scan# 1580
Delta R.T. 0.001 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:166 Resp: 18879

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.1	118.7
167	13.2	10.6	15.8



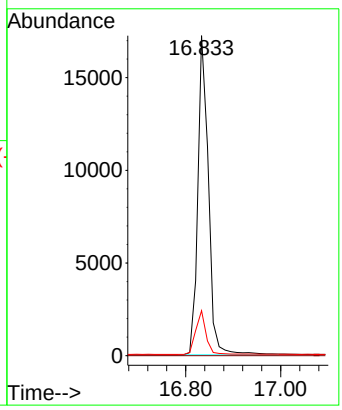


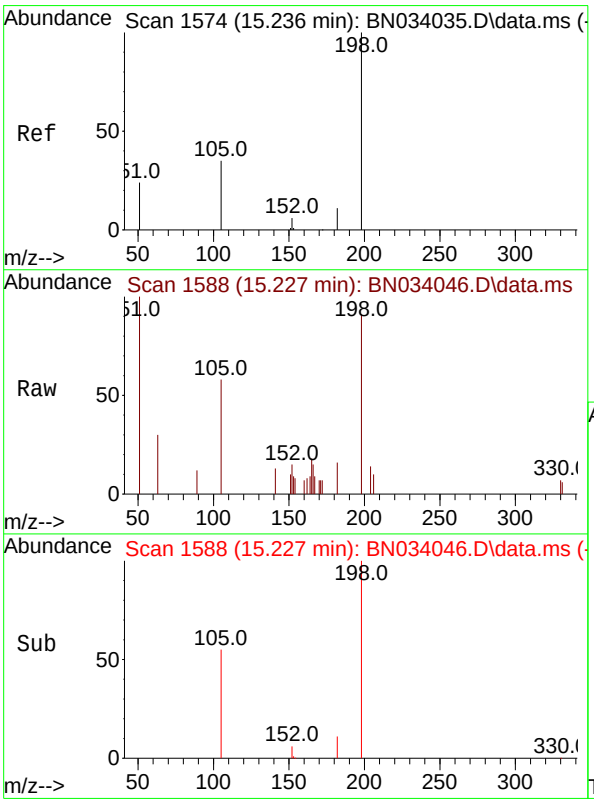
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 26692

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	7.4	11.0#

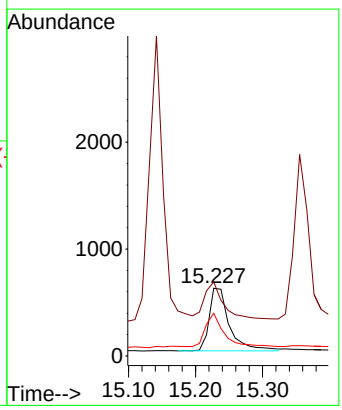


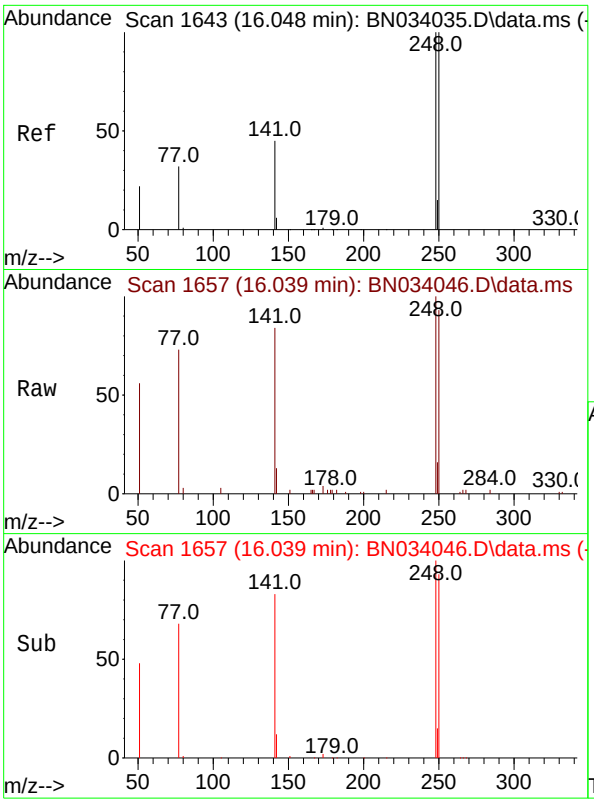


#20
4,6-Dinitro-2-methylphenol
Concen: 0.385 ng
RT: 15.227 min Scan# 1588
Delta R.T. -0.009 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:198 Resp: 1226

Ion	Ratio	Lower	Upper
198	100		
51	109.5	106.4	159.6
105	63.2	38.5	57.7#



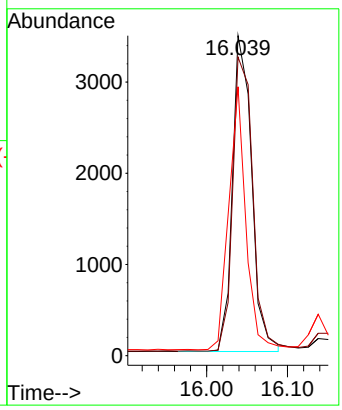


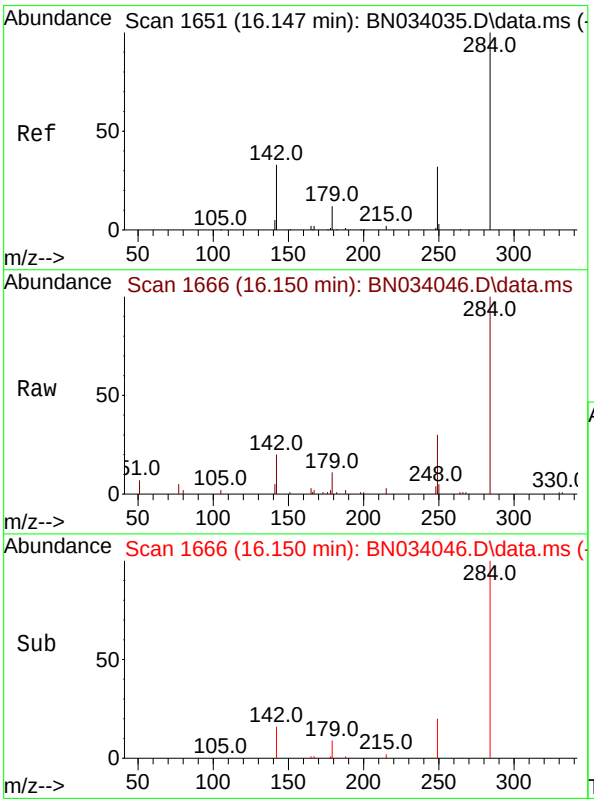
#21
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.039 min Scan# 1(
Delta R.T. -0.009 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 5730

Ion	Ratio	Lower	Upper
248	100		
250	93.3	80.5	120.7
141	84.1	37.1	55.7#

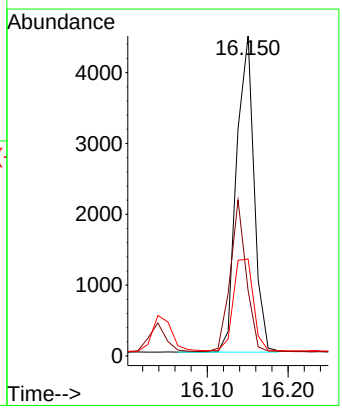


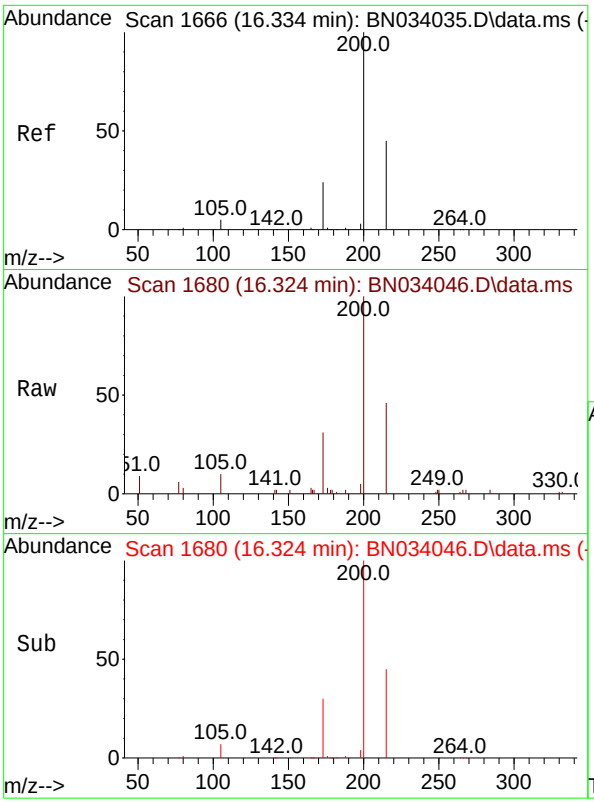


#22
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.150 min Scan# 1666
Delta R.T. 0.003 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:284 Resp: 6719

Ion	Ratio	Lower	Upper
284	100		
142	43.6	34.5	51.7
249	32.8	25.8	38.6



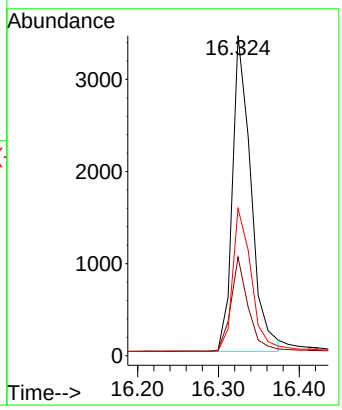


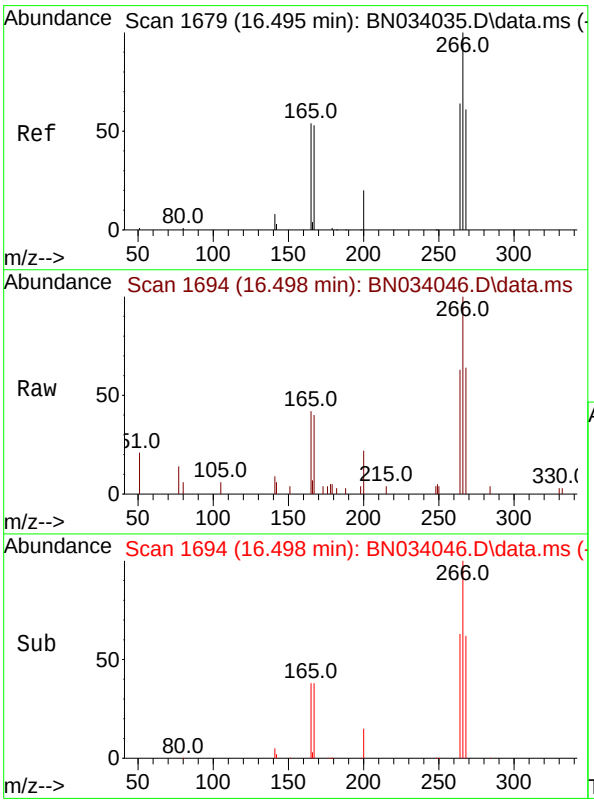
#23
Atrazine
Concen: 0.438 ng
RT: 16.324 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 5445

Ion	Ratio	Lower	Upper
200	100		
173	30.8	20.1	30.1#
215	46.0	37.0	55.6

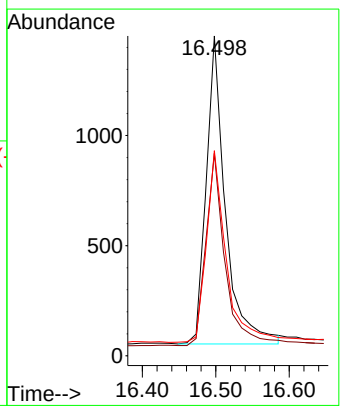


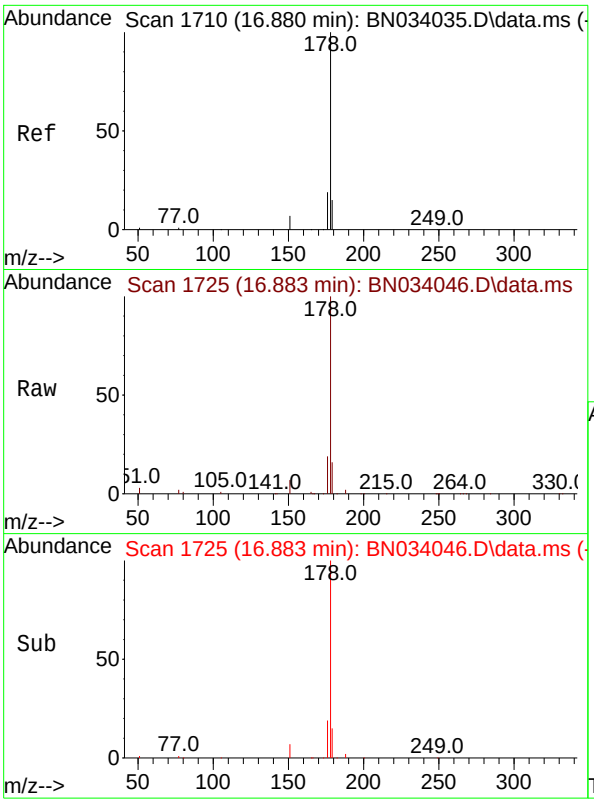


#24
Pentachlorophenol
Concen: 0.456 ng
RT: 16.498 min Scan# 1694
Delta R.T. 0.003 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:266 Resp: 2537

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.2	75.2
268	63.9	51.0	76.4



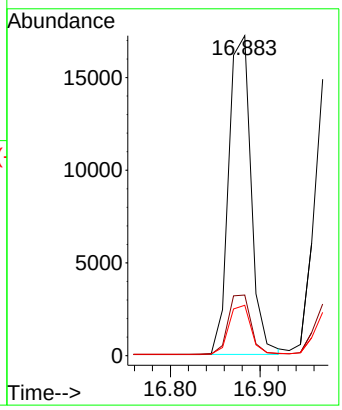


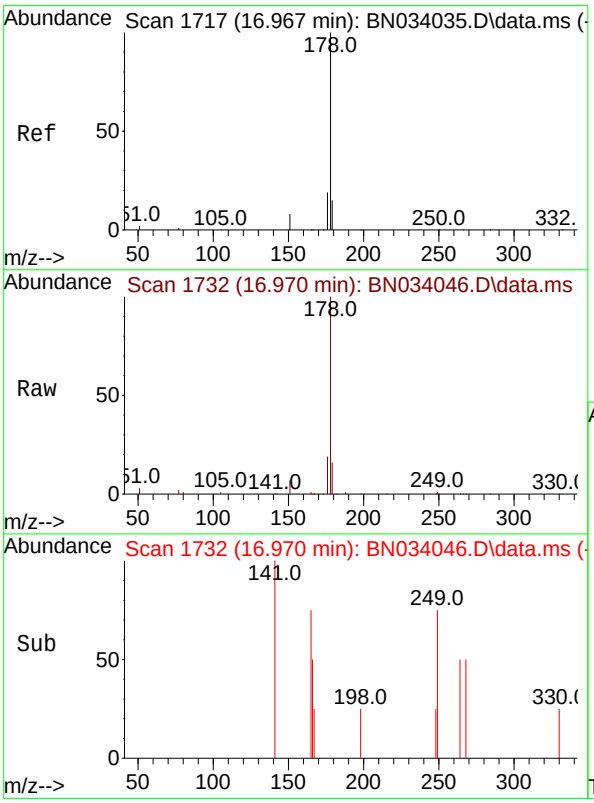
#25
Phenanthrene
Concen: 0.388 ng
RT: 16.883 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 29737

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.1	18.1

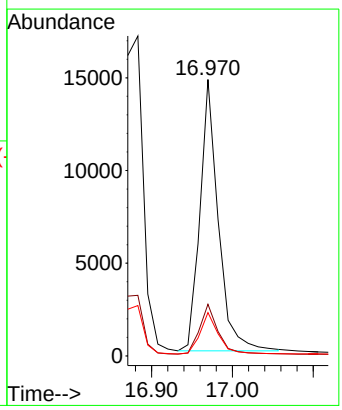


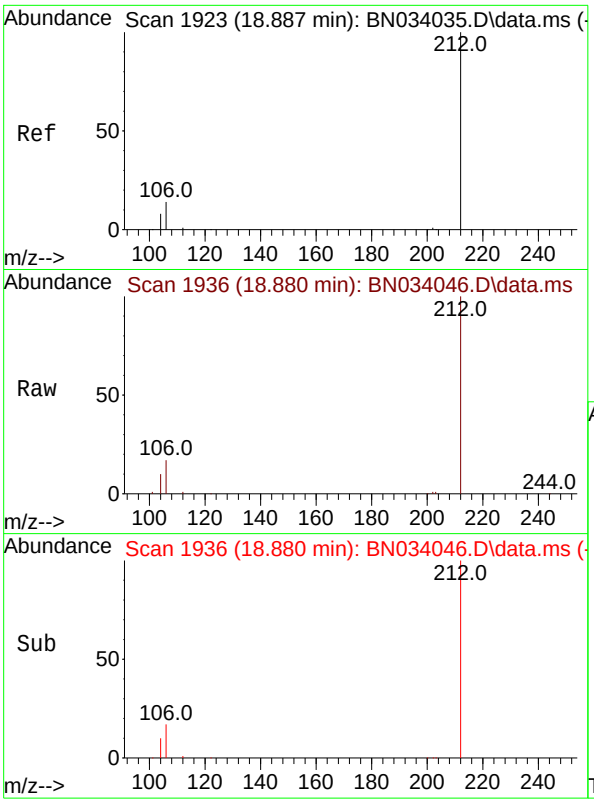


#26
Anthracene
Concen: 0.370 ng
RT: 16.970 min Scan# 1732
Delta R.T. 0.003 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:178 Resp: 23159

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.3	12.2	18.4



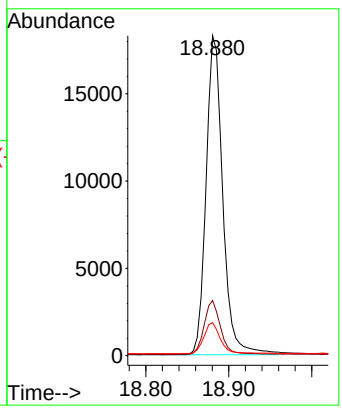


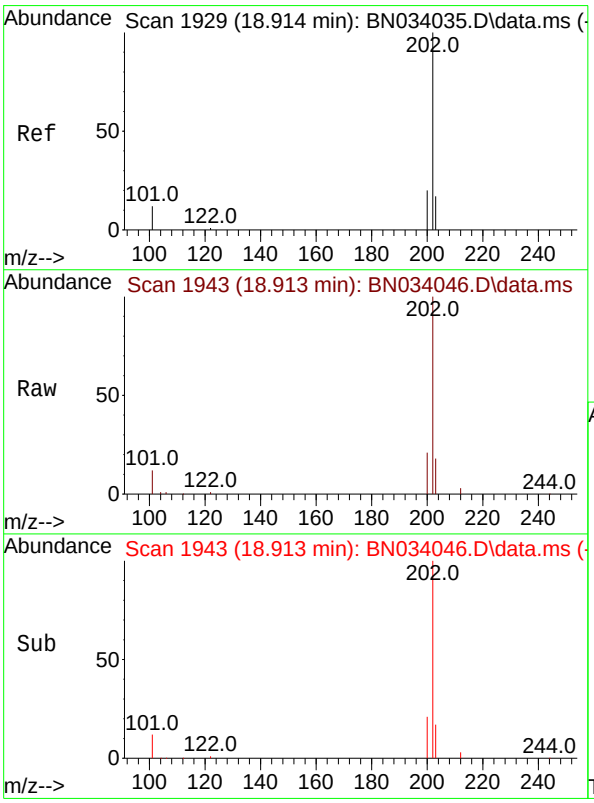
#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 18.880 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 25616

Ion	Ratio	Lower	Upper
212	100		
106	16.7	13.4	20.2
104	9.7	7.8	11.6

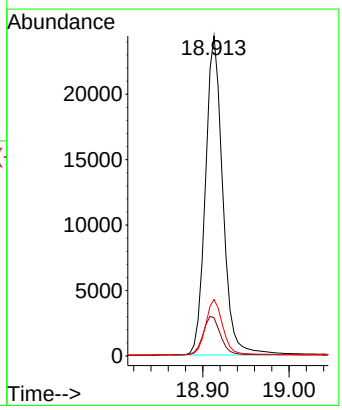


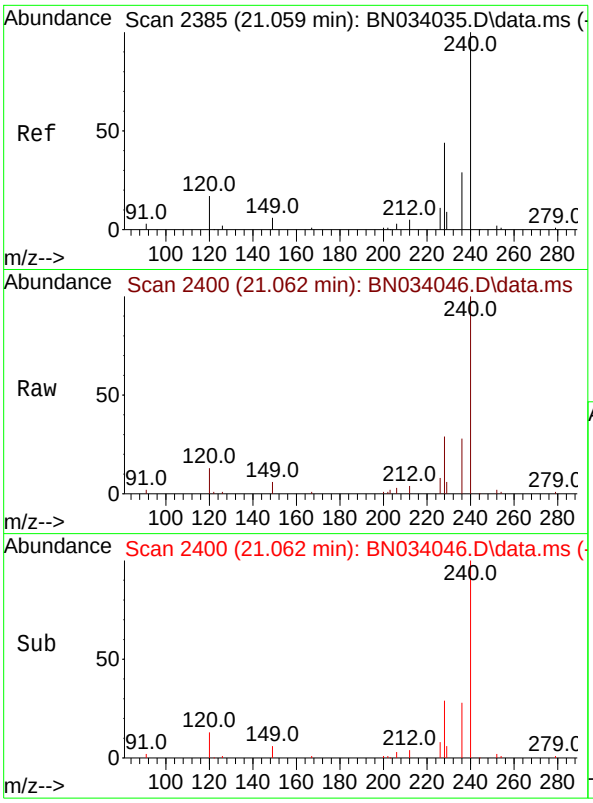


#28
Fluoranthene
Concen: 0.384 ng
RT: 18.913 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:202 Resp: 34065

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.1	15.1
203	17.3	13.6	20.4



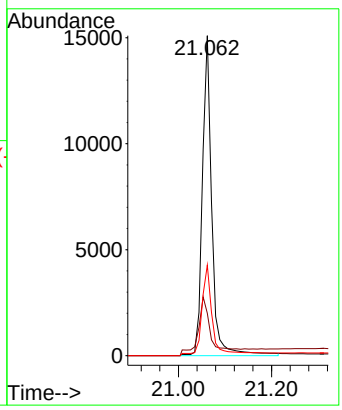


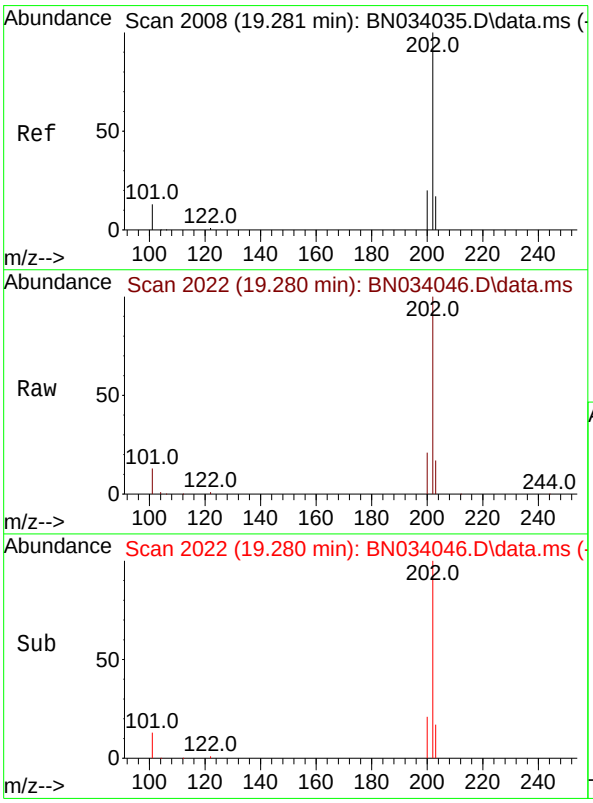
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.062 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 20522

Ion	Ratio	Lower	Upper
240	100		
120	13.3	13.5	20.3#
236	28.3	23.4	35.0

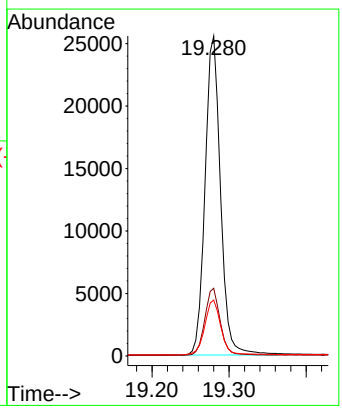


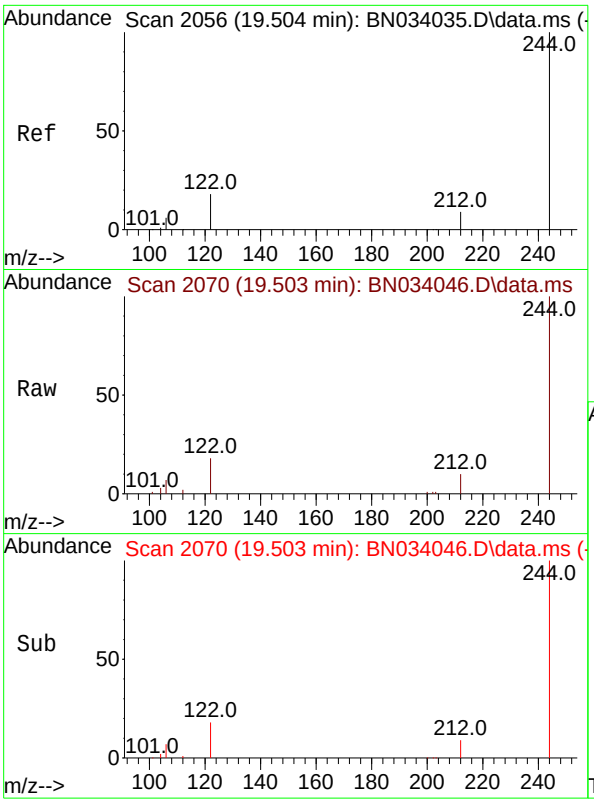


#30
Pyrene
Concen: 0.411 ng
RT: 19.280 min Scan# 2022
Delta R.T. -0.001 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:202 Resp: 35629

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.8	14.3	21.5



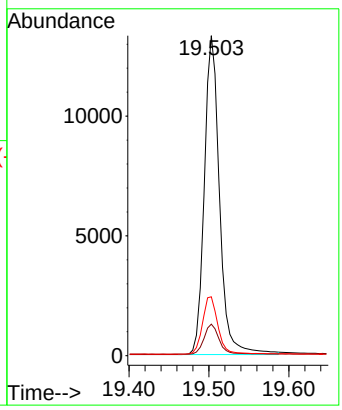


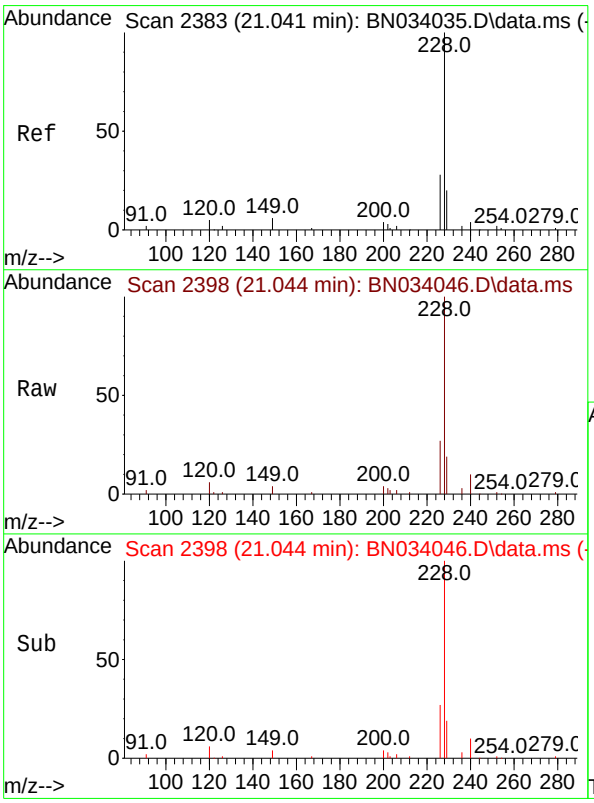
#31
Terphenyl-d14
Concen: 0.429 ng
RT: 19.503 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 17600

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.8	11.6
122	18.4	14.8	22.2

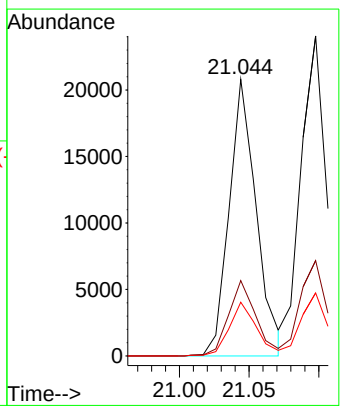


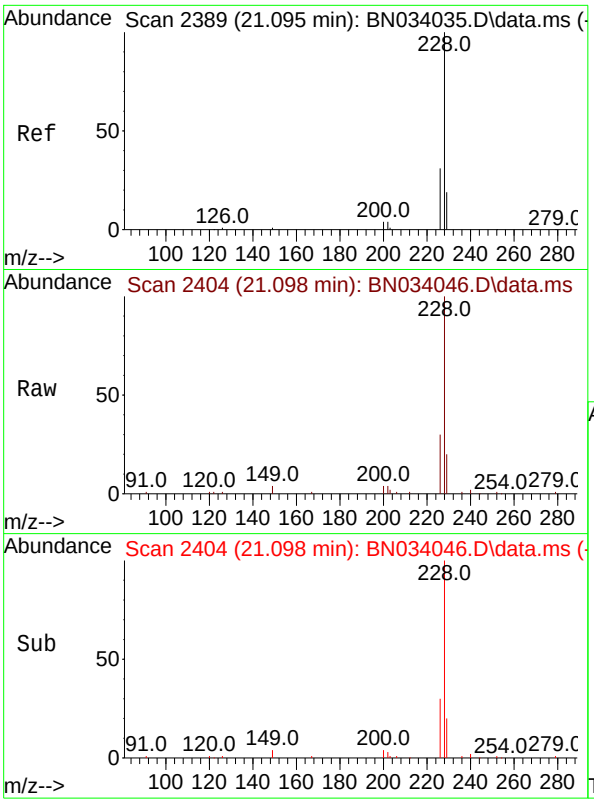


#32
Benzo(a)anthracene
Concen: 0.388 ng
RT: 21.044 min Scan# 2398
Delta R.T. 0.003 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:228 Resp: 25219

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	19.5	15.7	23.5



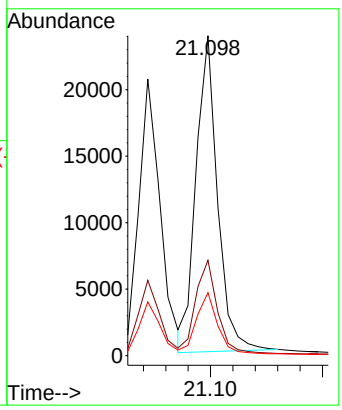


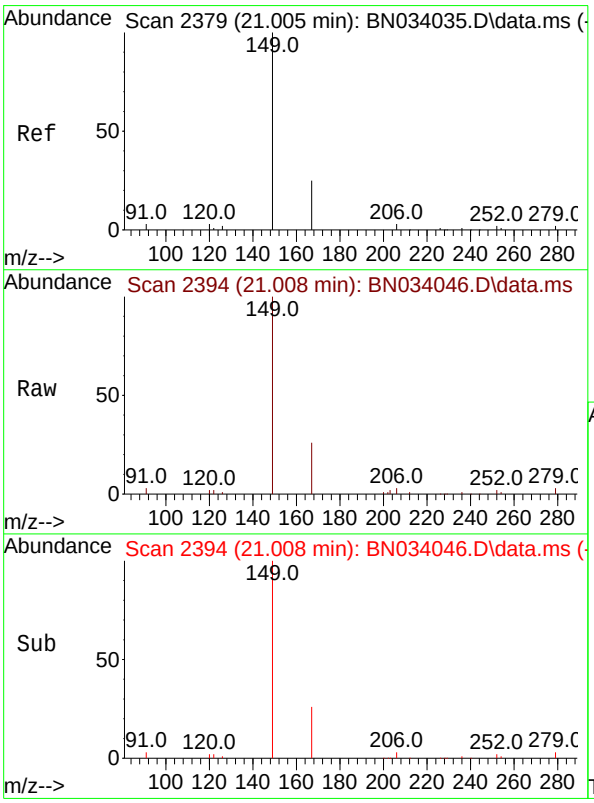
#33
Chrysene
Concen: 0.409 ng
RT: 21.098 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 31694

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	37.0
229	19.7	15.5	23.3

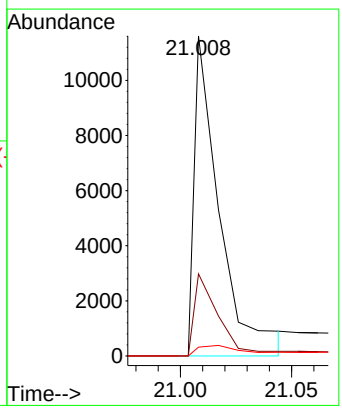


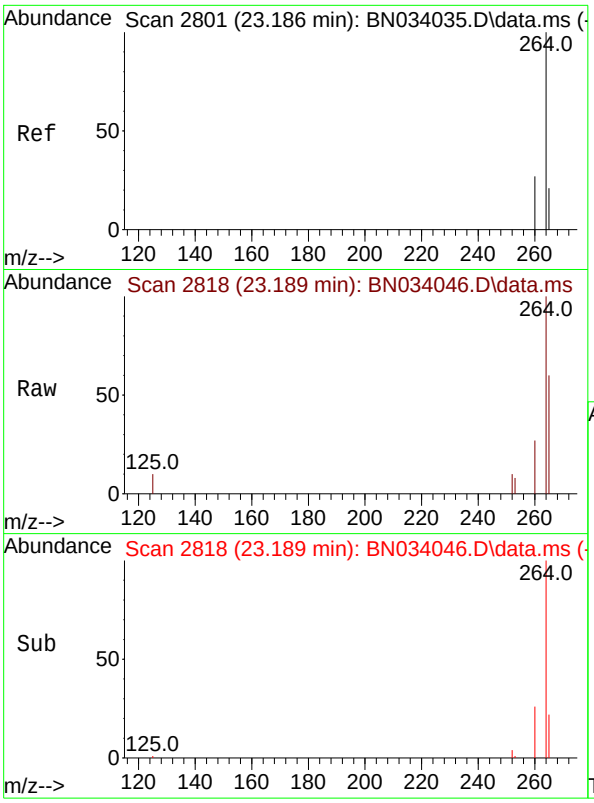


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.333 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.003 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:149 Resp: 8997

Ion	Ratio	Lower	Upper
149	100		
167	25.2	19.9	29.9
279	5.0	4.6	6.8



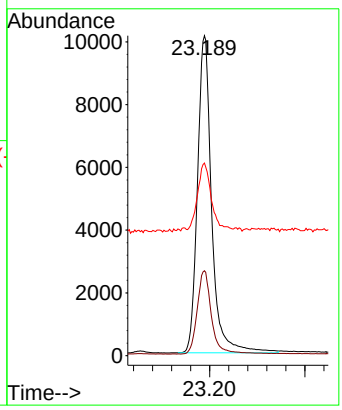


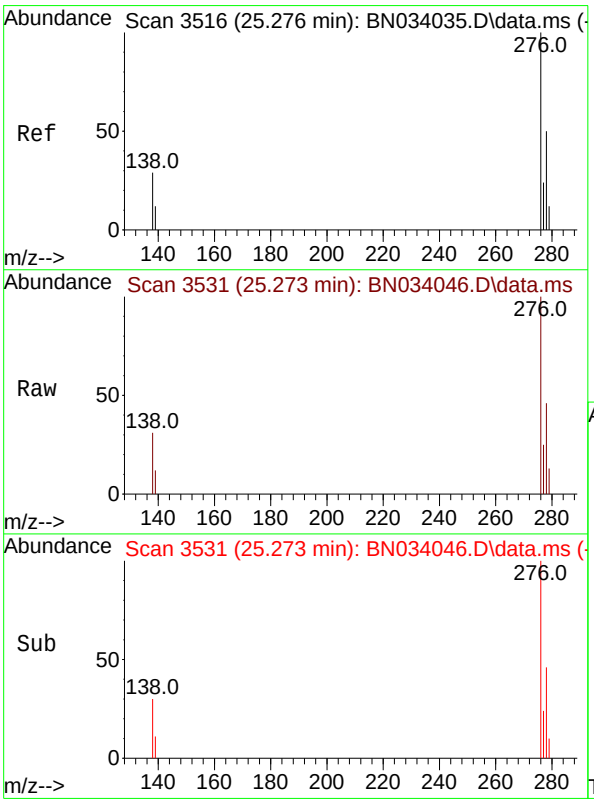
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.189 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 20864

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.7	32.5
265	60.2	52.1	78.1

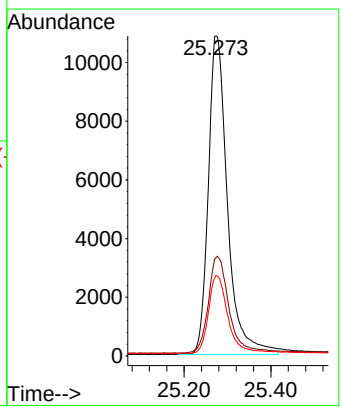


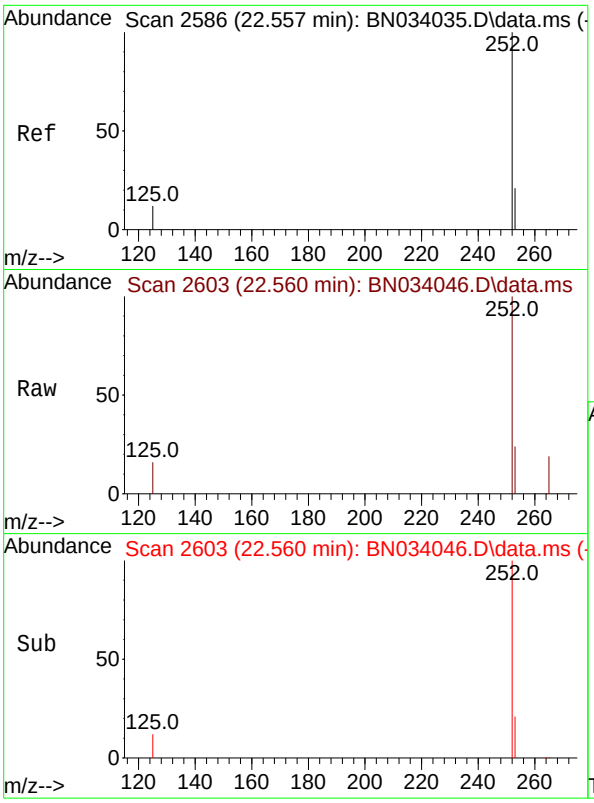


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng
RT: 25.273 min Scan# 3531
Delta R.T. -0.003 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:276 Resp: 33340

Ion	Ratio	Lower	Upper
276	100		
138	32.7	25.9	38.9
277	24.7	19.7	29.5



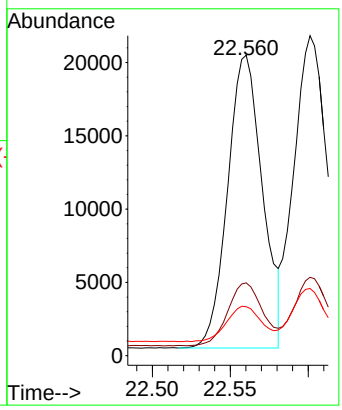


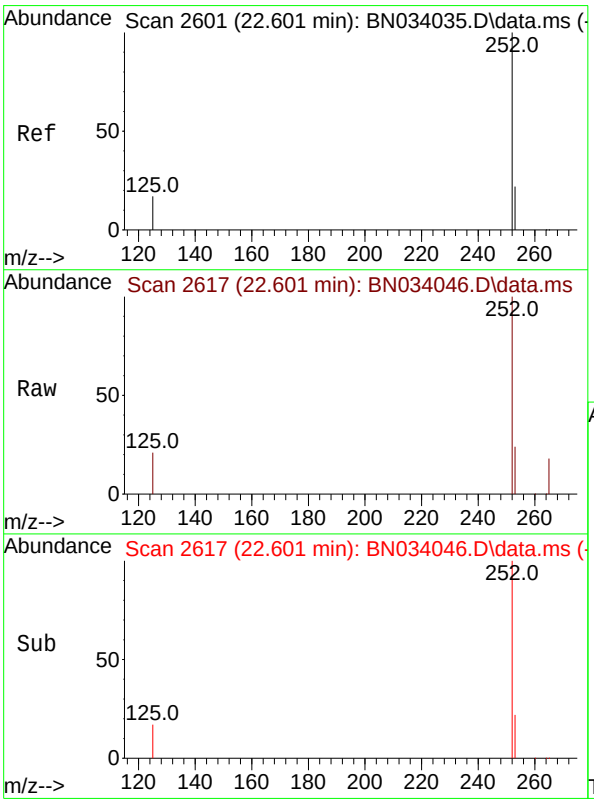
#37
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 22.560 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 31132

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.6	29.4
125	16.3	13.8	20.8

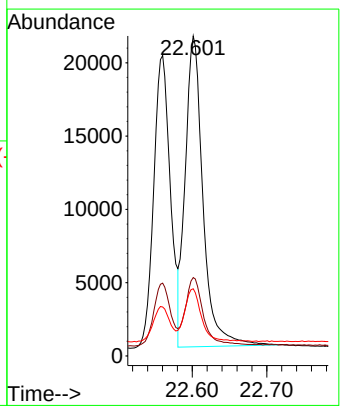


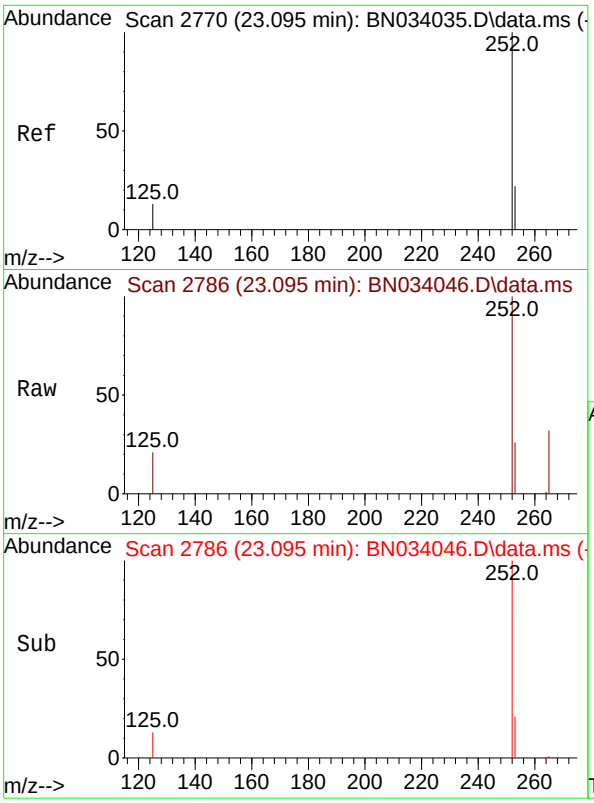


#38
Benzo(k)fluoranthene
Concen: 0.409 ng
RT: 22.601 min Scan# 2617
Delta R.T. 0.000 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:252 Resp: 35099

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.1	30.1
125	21.0	16.8	25.2



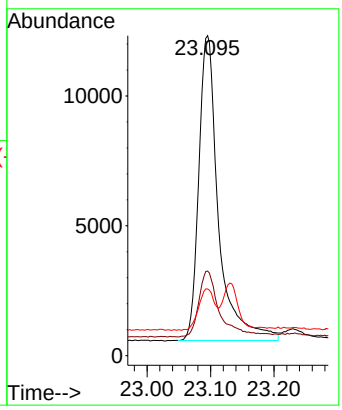


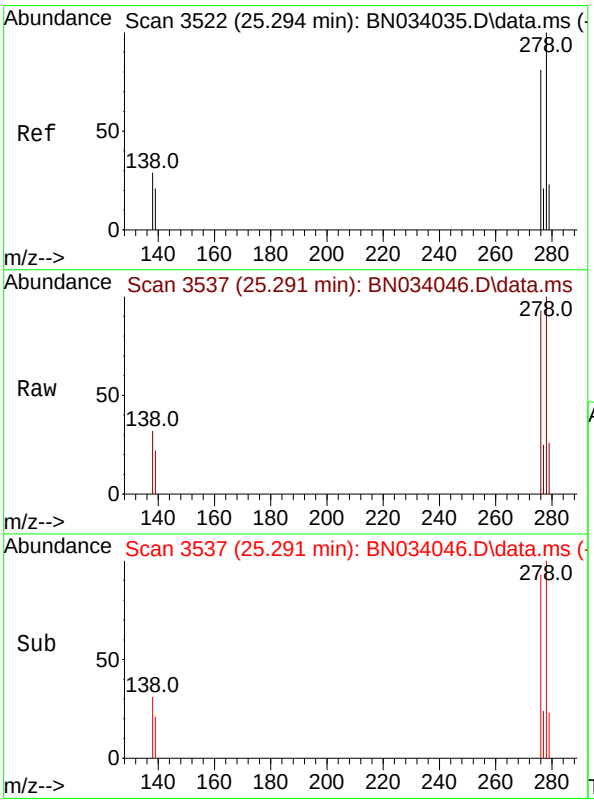
#39
Benzo(a)pyrene
Concen: 0.381 ng
RT: 23.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 25374

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.8	32.8
125	20.8	17.5	26.3

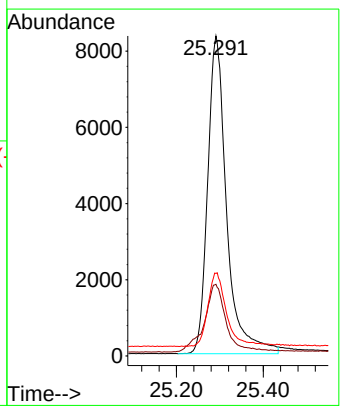


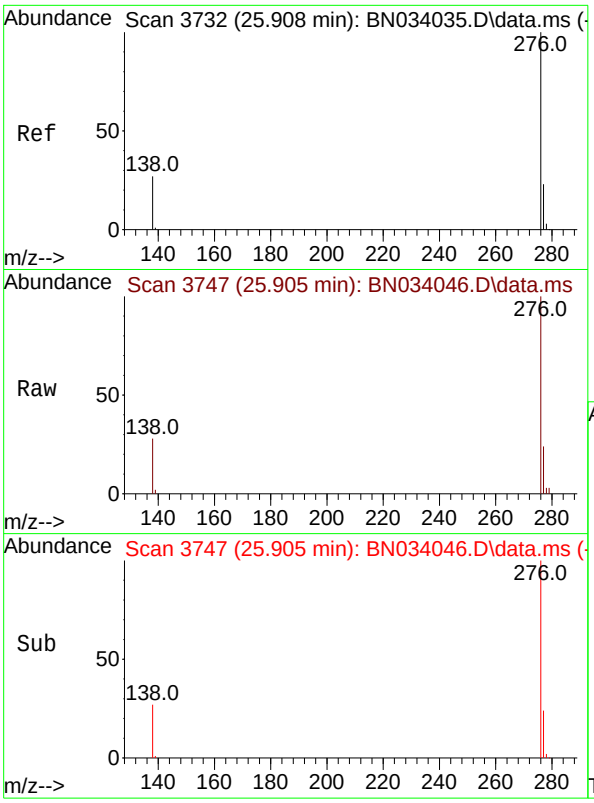


#40
Dibenzo(a,h)anthracene
Concen: 0.364 ng
RT: 25.291 min Scan# 3537
Delta R.T. -0.003 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Tgt Ion:278 Resp: 25266

Ion	Ratio	Lower	Upper
278	100		
139	22.4	17.8	26.8
279	25.8	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 0.357 ng
RT: 25.905 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN034046.D
Acq: 19 Sep 2024 09:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 27814

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	28.4	22.6	34.0