Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080624\
Data File : BN033283.D
Acq On : 06 Aug 2024 21:03
Operator : MA/JU
Sample : PB162519BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Quant Time: Aug 07 02:05:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:57:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.510	152	864	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	3242	0.400	ng		0.00
13) Acenaphthene-d10	14.126	164	2347	0.400	ng		0.00
19) Phenanthrene-d10	16.920	188	5473	0.400	ng		0.00
29) Chrysene-d12	21.125	240	5757	0.400	ng		0.00
35) Perylene-d12	23.288	264	6999	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.307	112	630	0.294	ng		0.01
5) Phenol-d6	6.983	99	400	0.136	ng		0.00
8) Nitrobenzene-d5	8.909	82	991	0.380	ng		-0.01
11) 2-Methylnaphthalene-d10	11.927	152	1875	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.716	330	372	0.425	ng		0.00
15) 2-Fluorobiphenyl	12.800	172	3174	0.395	ng		0.00
27) Fluoranthene-d10	18.955	212	5871	0.383	ng		0.00
31) Terphenyl-d14	19.554	244	4061	0.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.047	88	514	0.300	ng	#	79
3) n-Nitrosodimethylamine	3.473	42	453	0.430	ng	#	69
6) bis(2-Chloroethyl)ether	7.048	93	1034	0.417	ng	#	1
9) Naphthalene	10.372	128	3714	0.422	ng		99
10) Hexachlorobutadiene	10.511	225	747	0.457	ng	#	99
12) 2-Methylnaphthalene	12.010	142	1912	0.364	ng		99
16) Acenaphthylene	13.869	152	3708	0.396	ng		98
17) Acenaphthene	14.190	154	2764	0.409	ng		100
18) Fluorene	15.216	166	3733	0.408	ng		99
20) 4,6-Dinitro-2-methylph...	15.579	198	183	0.425	ng		81
21) 4-Bromophenyl-phenylether	16.113	248	1169	0.403	ng		97
22) Hexachlorobenzene	16.200	284	1283	0.423	ng		99
23) Atrazine	16.399	200	990	0.362	ng		99
24) Pentachlorophenol	16.634	266	363	0.358	ng		94
25) Phenanthrene	16.957	178	5669	0.385	ng		100
26) Anthracene	17.081	178	4361	0.353	ng	#	85
28) Fluoranthene	18.987	202	7465	0.370	ng		99
30) Pyrene	19.354	202	7916	0.393	ng		99
32) Benzo(a)anthracene	21.116	228	5804	0.350	ng		98
33) Chrysene	21.160	228	8983	0.403	ng		99
34) Bis(2-ethylhexyl)phtha...	21.008	149	1271	0.319	ng	#	89
36) Indeno(1,2,3-cd)pyrene	25.481	276	11298	0.357	ng		99
37) Benzo(b)fluoranthene	22.645	252	7500	0.353	ng		98
38) Benzo(k)fluoranthene	22.689	252	10066	0.379	ng		98
39) Benzo(a)pyrene	23.218	252	8071	0.379	ng		97
40) Dibenzo(a,h)anthracene	25.478	278	8899	0.356	ng		98
41) Benzo(g,h,i)perylene	26.153	276	10482	0.366	ng		98

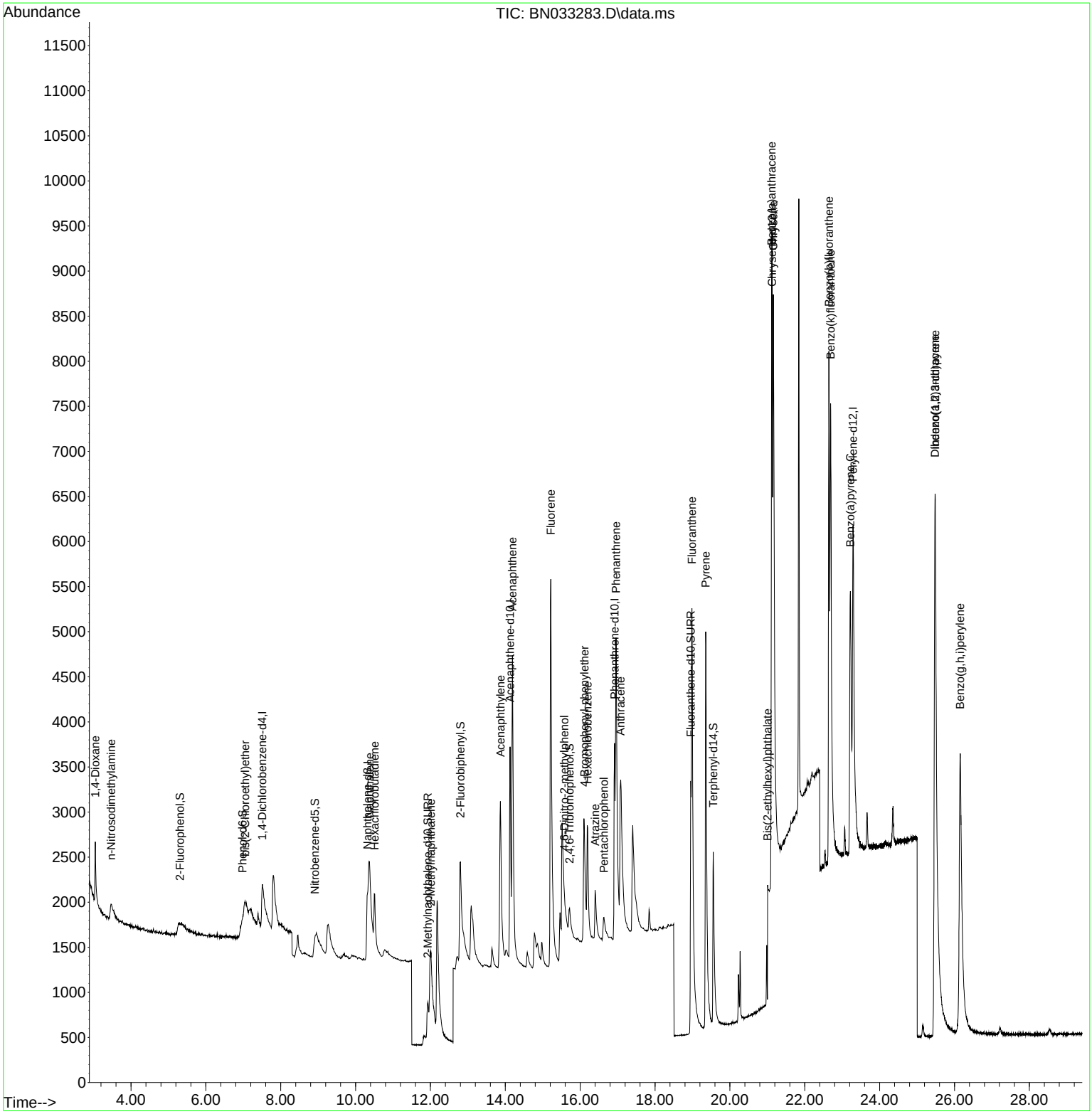
(#) = qualifier out of range (m) = manual integration (+) = signals summed

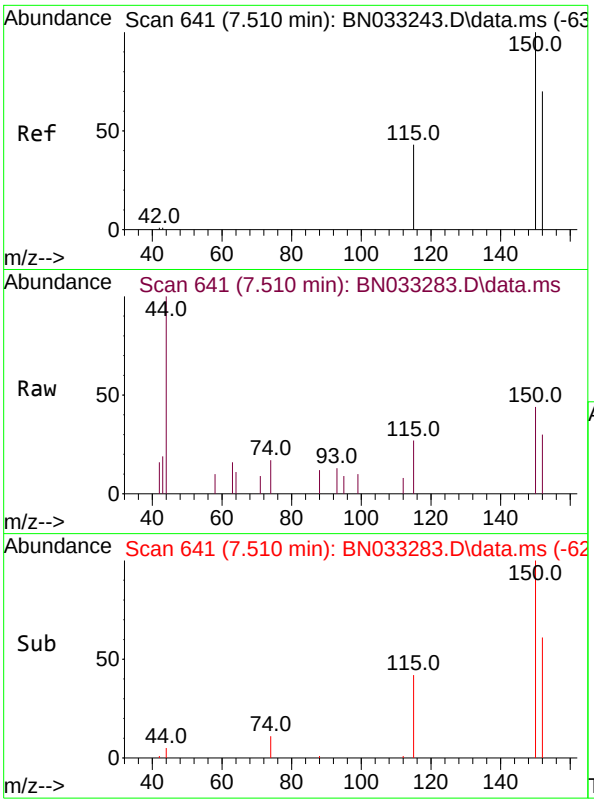
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080624\
Data File : BN033283.D
Acq On : 06 Aug 2024 21:03
Operator : MA/JU
Sample : PB162519BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Quant Time: Aug 07 02:05:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:57:48 2024
Response via : Initial Calibration



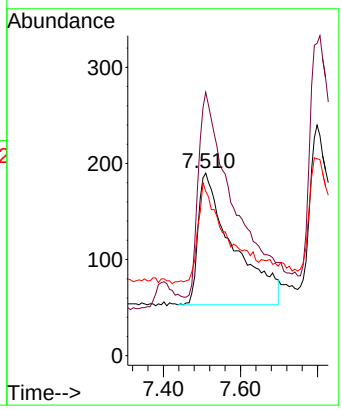


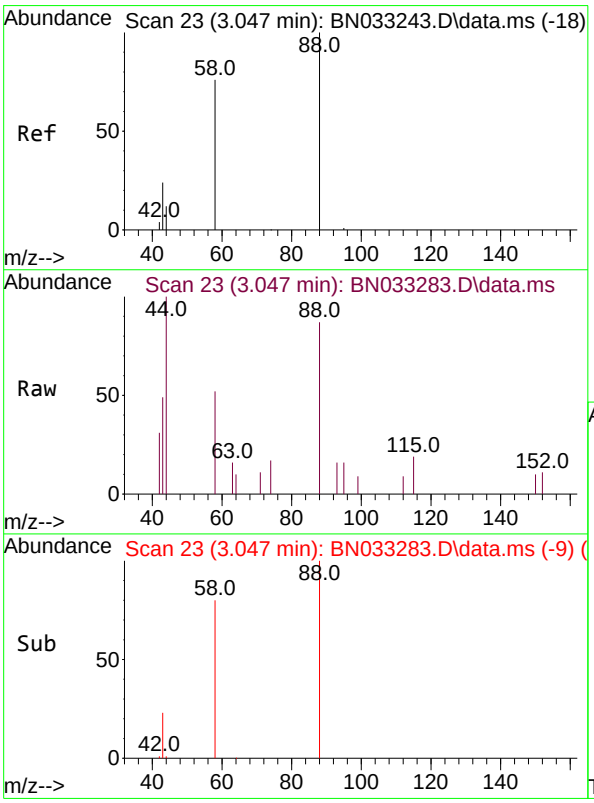
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.510 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:152 Resp: 864

Ion	Ratio	Lower	Upper
152	100		
150	144.2	108.2	162.2
115	90.0	70.5	105.7

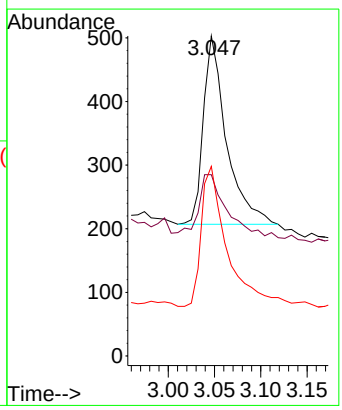


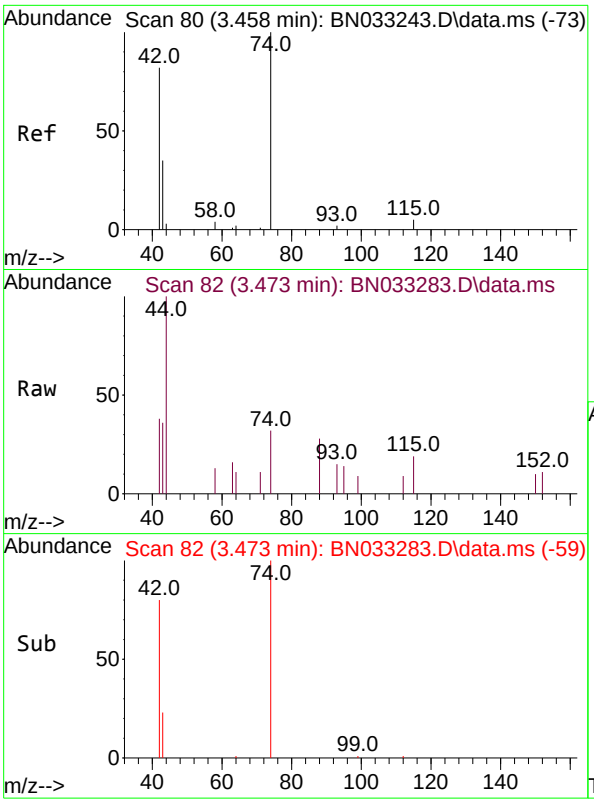


#2
1,4-Dioxane
Concen: 0.300 ng
RT: 3.047 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion: 88 Resp: 514

Ion	Ratio	Lower	Upper
88	100		
43	41.4	18.6	28.0#
58	81.1	54.5	81.7



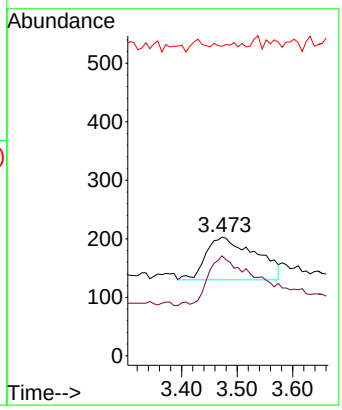


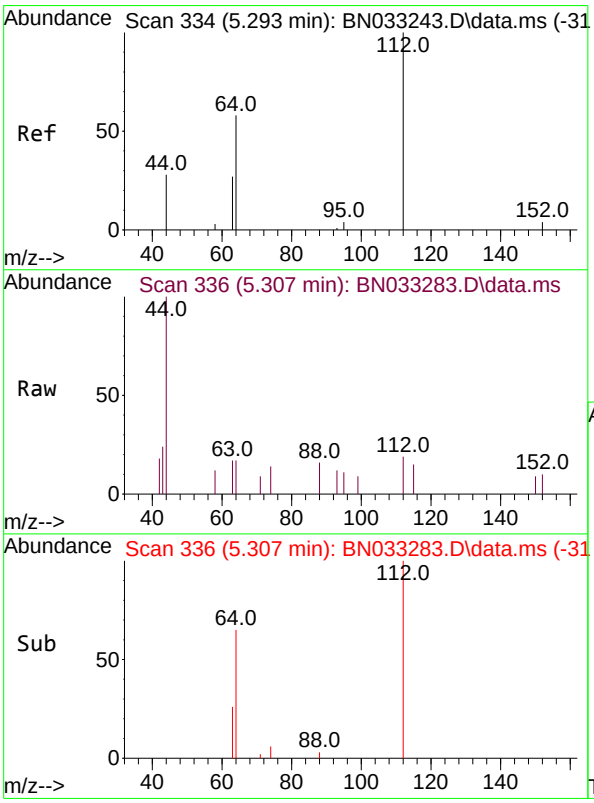
#3
n-Nitrosodimethylamine
Concen: 0.430 ng
RT: 3.473 min Scan# 8
Delta R.T. 0.015 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion: 42 Resp: 453

Ion	Ratio	Lower	Upper
42	100		
74	106.2	0.0	0.0#
44	0.0	9.6	14.4#

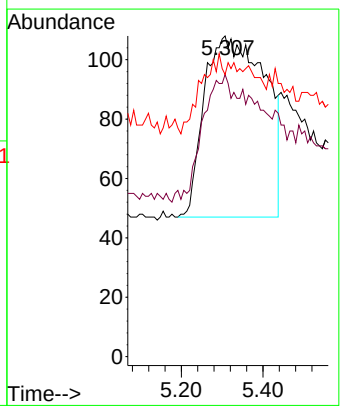


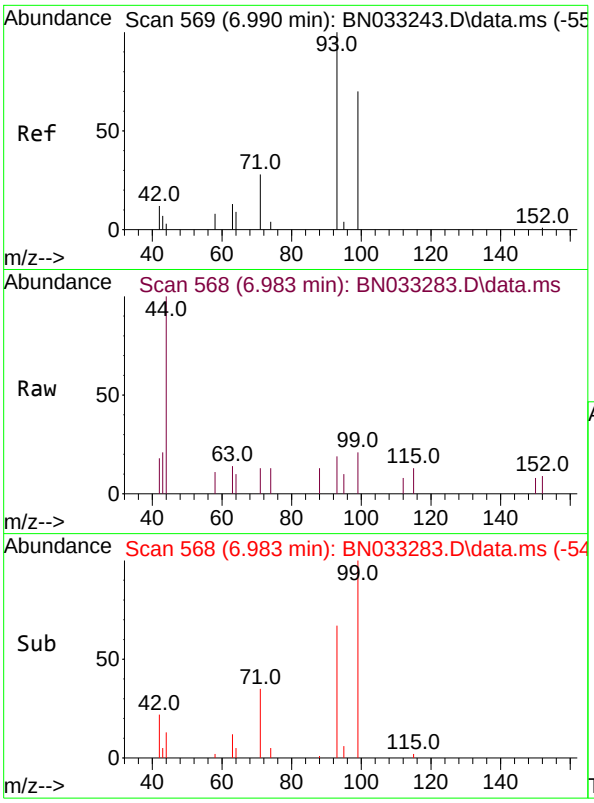


#4
2-Fluorophenol
Concen: 0.294 ng
RT: 5.307 min Scan# 336
Delta R.T. 0.014 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:112 Resp: 630

Ion	Ratio	Lower	Upper
112	100		
64	37.5	18.0	27.0#
63	16.5	0.0	0.0#



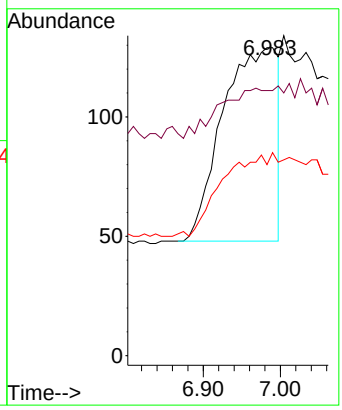


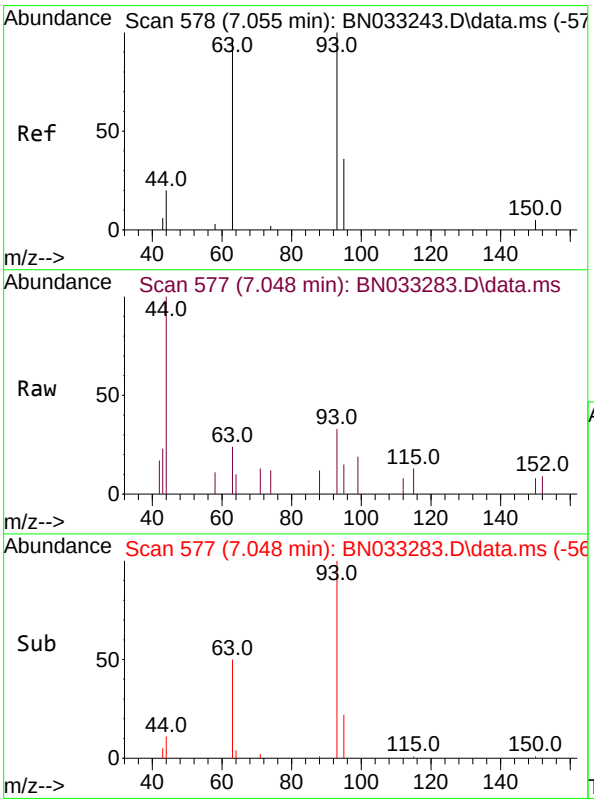
#5
Phenol-d6
Concen: 0.136 ng
RT: 6.983 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion: 99 Resp: 400

Ion	Ratio	Lower	Upper
99	100		
42	20.3	0.0	0.0#
71	35.3	0.0	0.0#

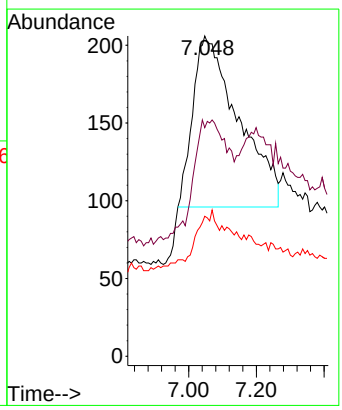


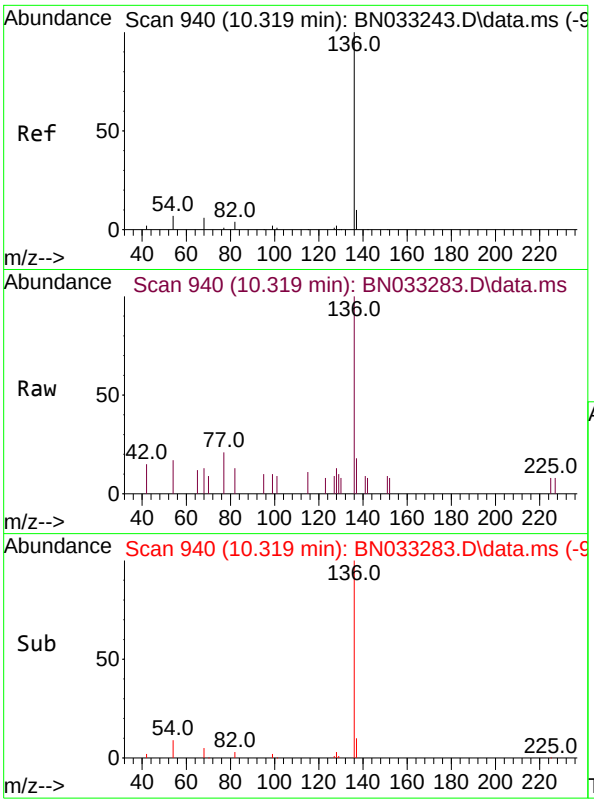


#6
bis(2-Chloroethyl)ether
Concen: 0.417 ng
RT: 7.048 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion: 93 Resp: 1034

Ion	Ratio	Lower	Upper
93	100		
63	43.9	1.1	1.7#
95	0.0	0.0	0.0



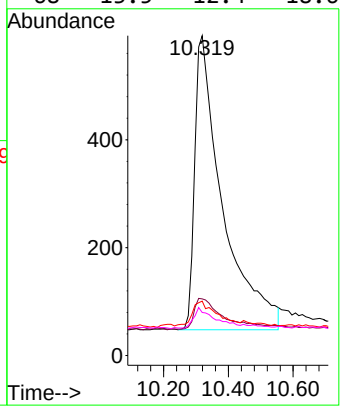


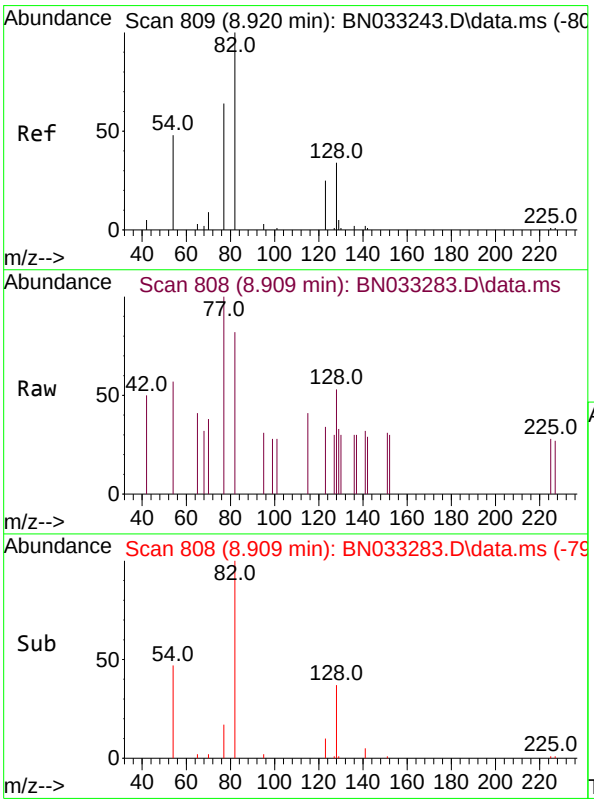
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:136 Resp: 3242

Ion	Ratio	Lower	Upper
136	100		
137	17.7	14.1	21.1
54	17.0	13.8	20.8
68	13.5	12.4	18.6

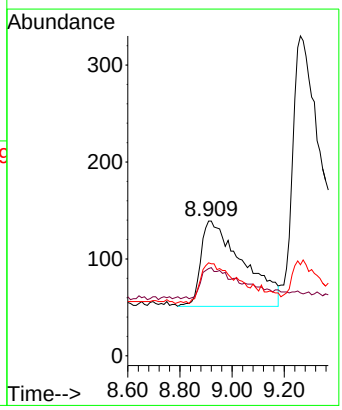


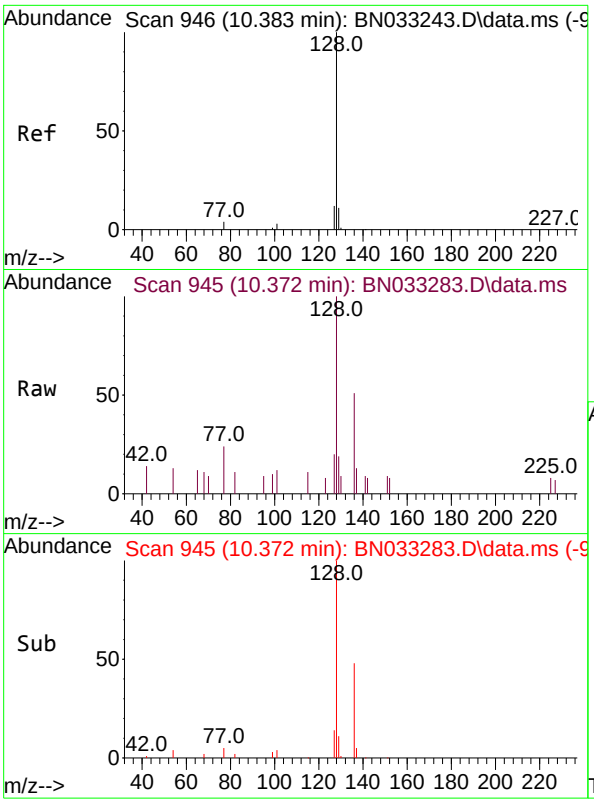


#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 8.909 min Scan# 808
Delta R.T. -0.011 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion: 82 Resp: 991

Ion	Ratio	Lower	Upper
82	100		
128	64.7	54.8	82.2
54	69.1	55.9	83.9



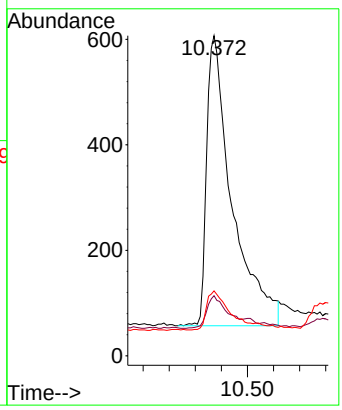


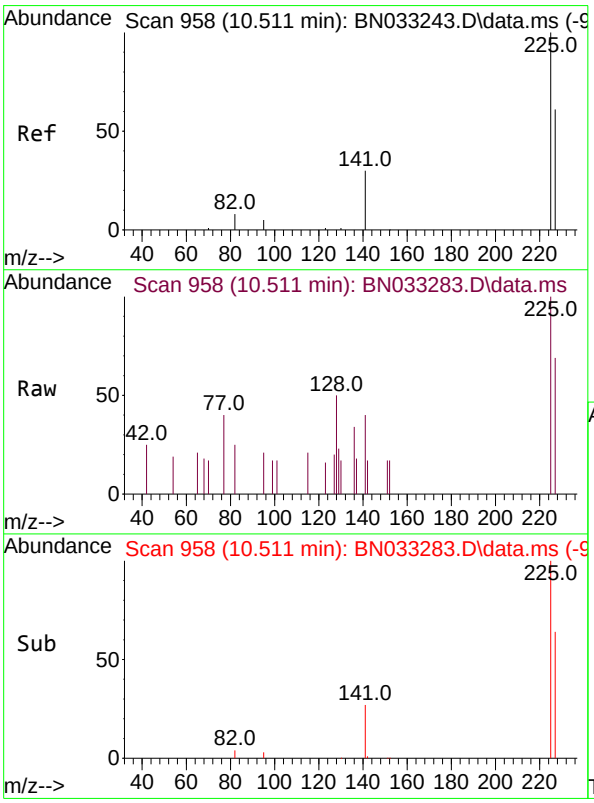
#9
Naphthalene
Concen: 0.422 ng
RT: 10.372 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:128 Resp: 3714

Ion	Ratio	Lower	Upper
128	100		
129	18.8	15.4	23.0
127	20.3	15.8	23.6

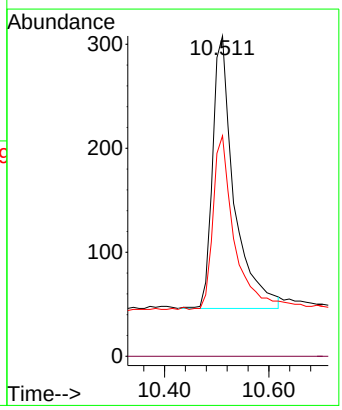


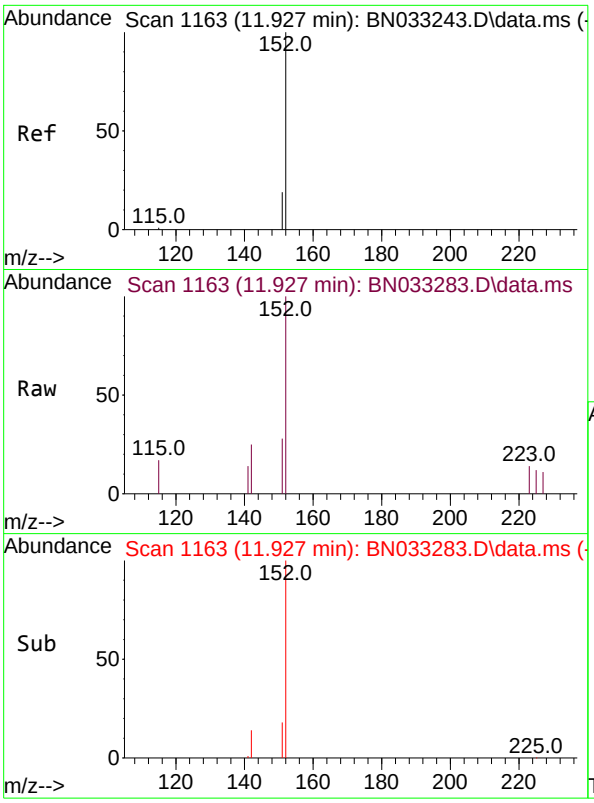


#10
Hexachlorobutadiene
Concen: 0.457 ng
RT: 10.511 min Scan# 958
Delta R.T. -0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:225 Resp: 747

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.1	50.2	75.4



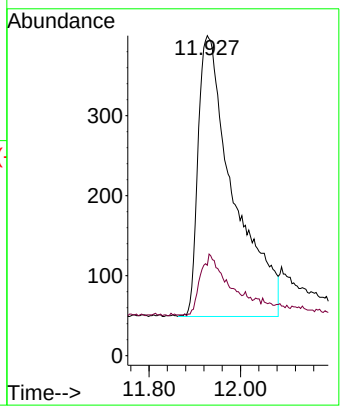


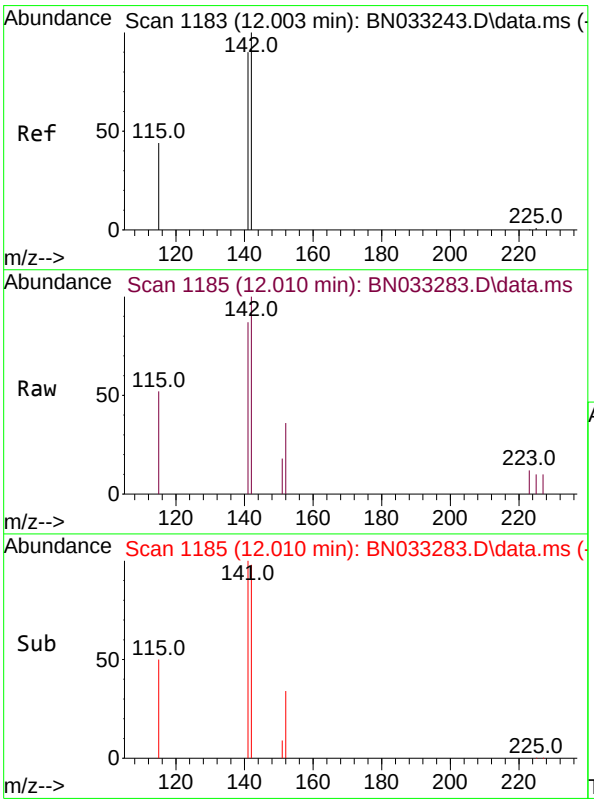
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 11.927 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:152 Resp: 1875

Ion	Ratio	Lower	Upper
152	100		
151	16.3	11.9	17.9

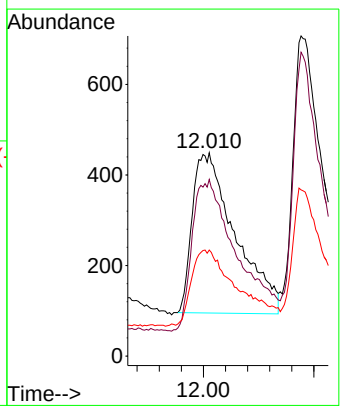


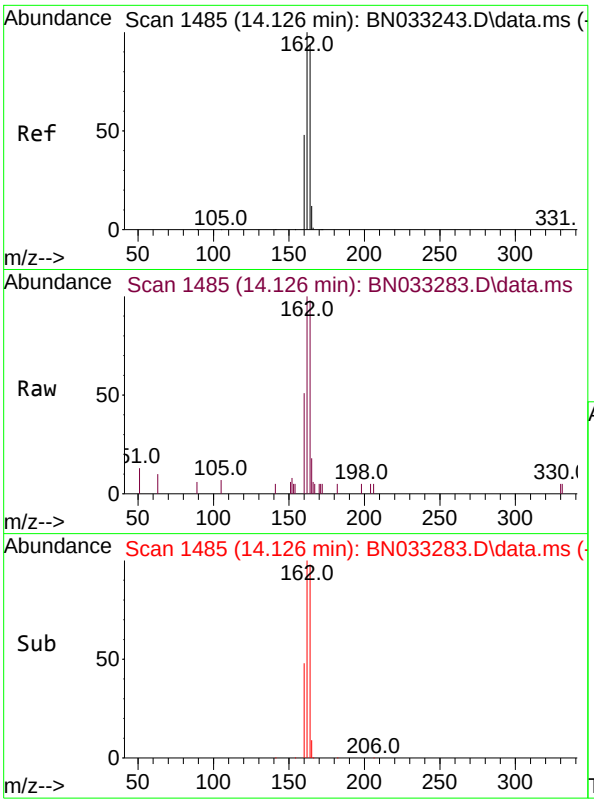


#12
2-Methylnaphthalene
Concen: 0.364 ng
RT: 12.010 min Scan# 1185
Delta R.T. 0.007 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:142 Resp: 1912

Ion	Ratio	Lower	Upper
142	100		
141	86.9	68.7	103.1
115	52.1	41.6	62.4



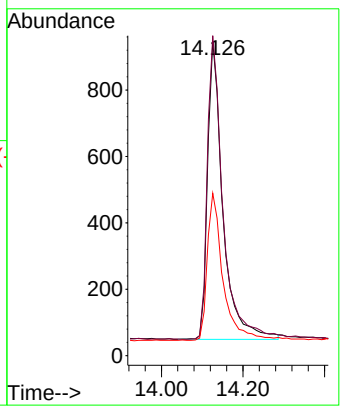


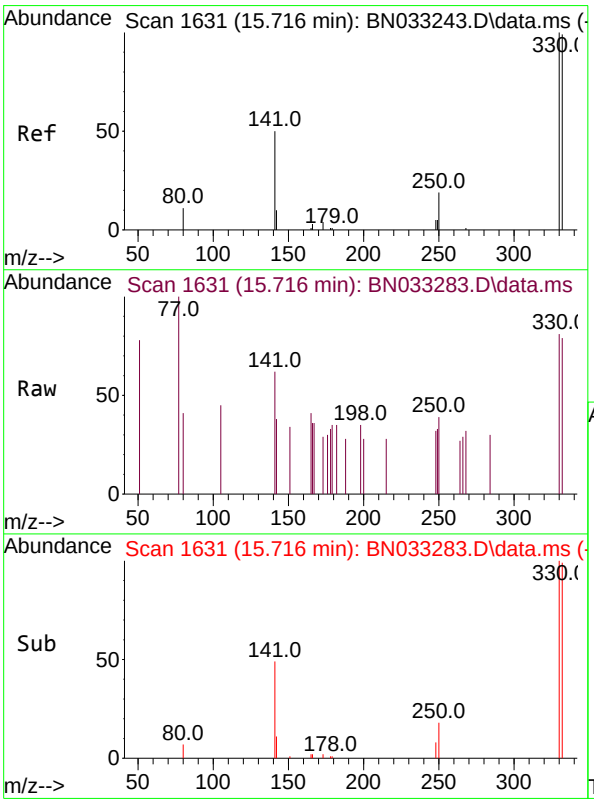
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.126 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:164 Resp: 2347

Ion	Ratio	Lower	Upper
164	100		
162	101.8	84.6	127.0
160	51.6	42.4	63.6

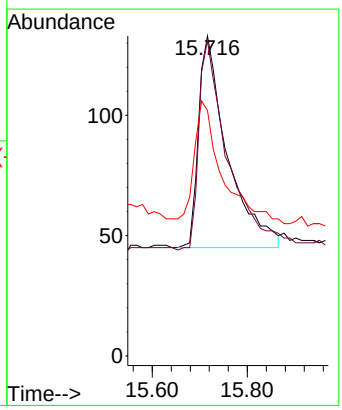


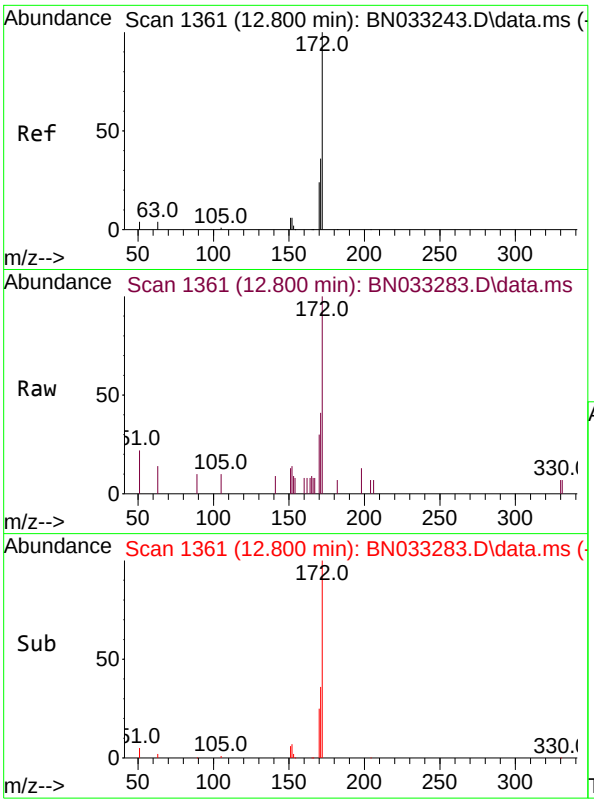


#14
2,4,6-Tribromophenol
Concen: 0.425 ng
RT: 15.716 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:330 Resp: 372

Ion	Ratio	Lower	Upper
330	100		
332	99.5	73.7	110.5
141	48.9	44.8	67.2



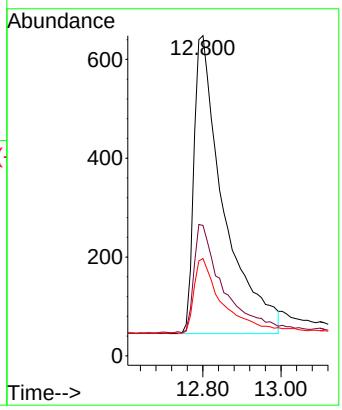


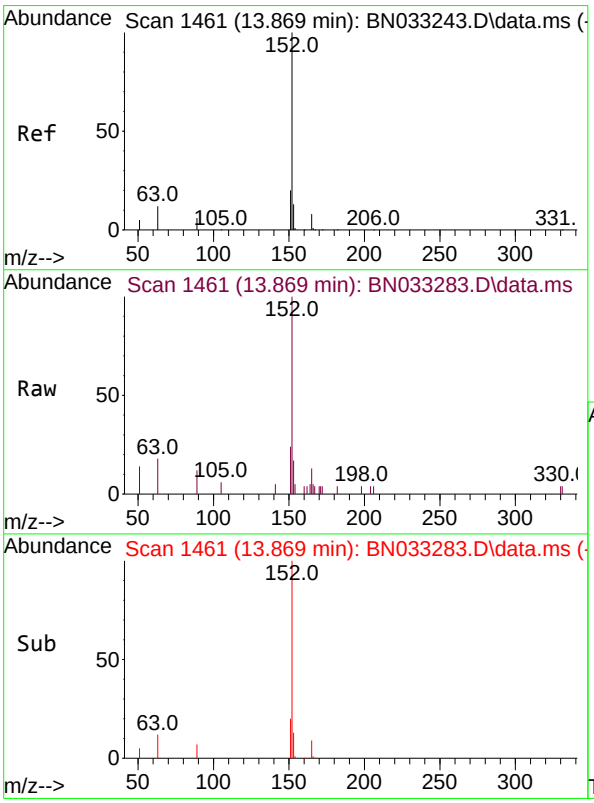
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.800 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:172 Resp: 3174

Ion	Ratio	Lower	Upper
172	100		
171	40.7	32.3	48.5
170	30.4	23.4	35.2

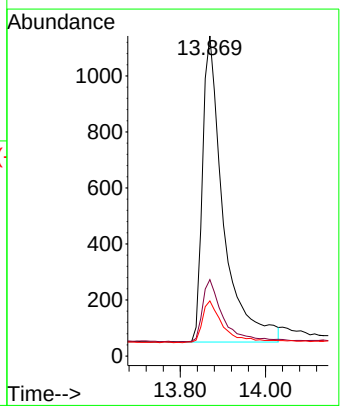


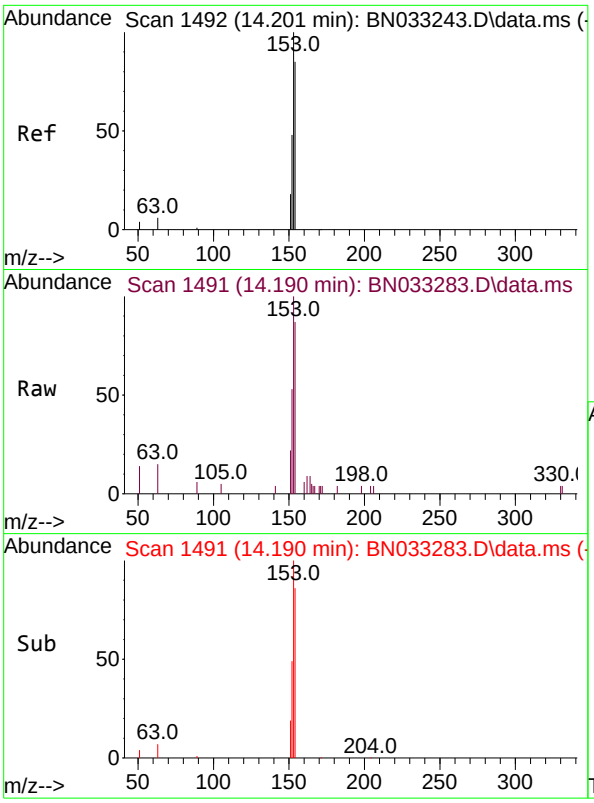


#16
Acenaphthylene
Concen: 0.396 ng
RT: 13.869 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:152 Resp: 3708

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.6	10.2	15.2



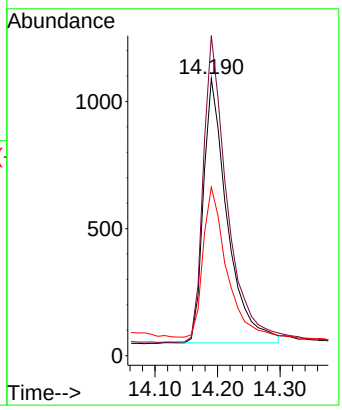


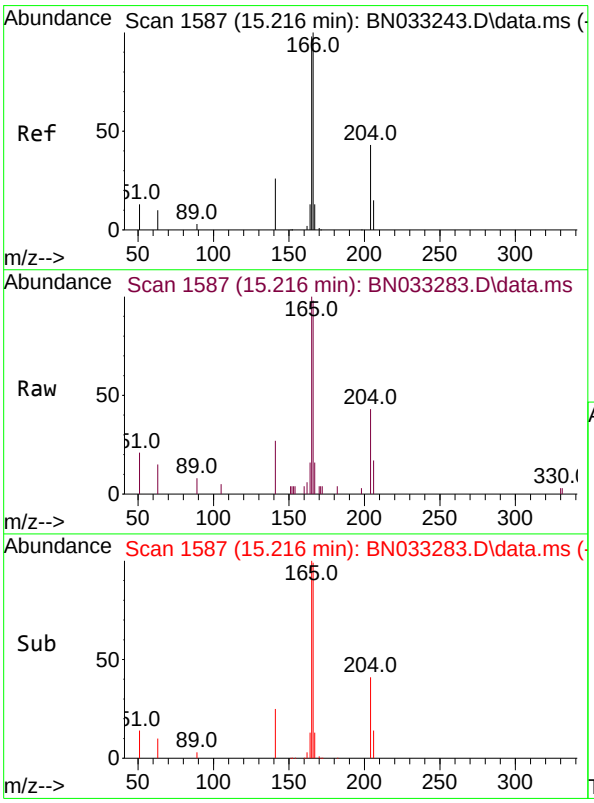
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.190 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:154 Resp: 2764

Ion	Ratio	Lower	Upper
154	100		
153	116.0	92.7	139.1
152	55.0	44.0	66.0

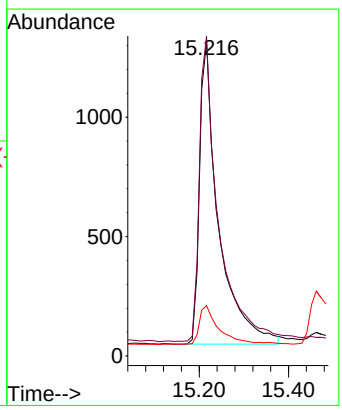


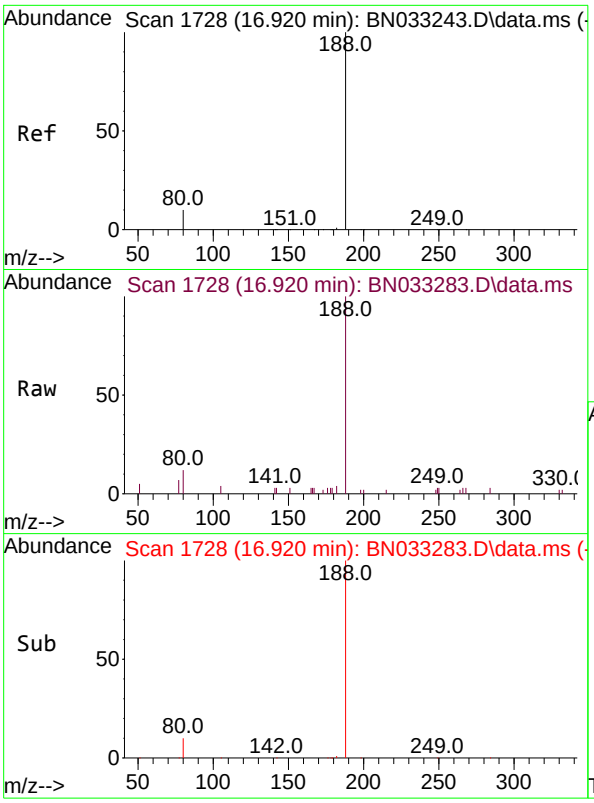


#18
Fluorene
Concen: 0.408 ng
RT: 15.216 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:166 Resp: 3733

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.6	119.4
167	13.3	10.6	16.0



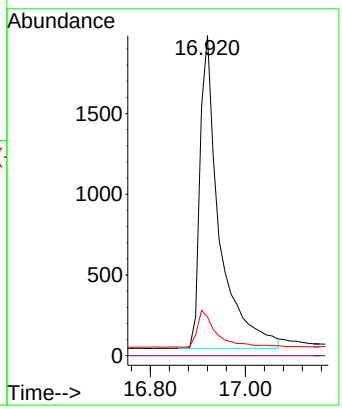


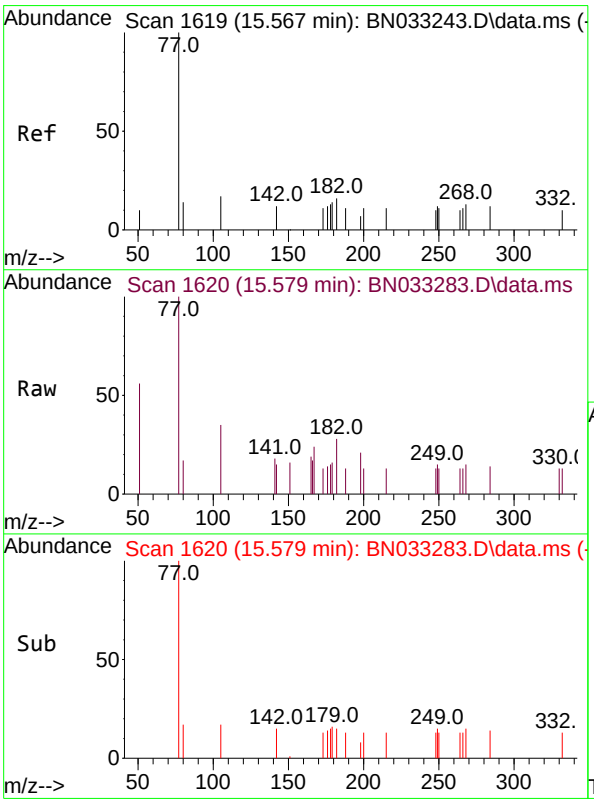
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.920 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:188 Resp: 5473

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	10.2	15.4

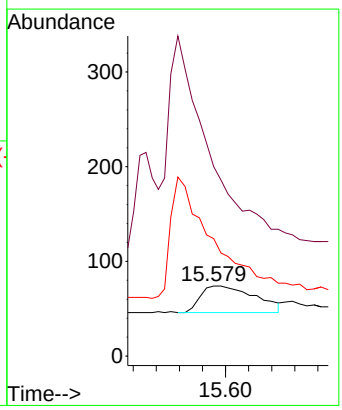


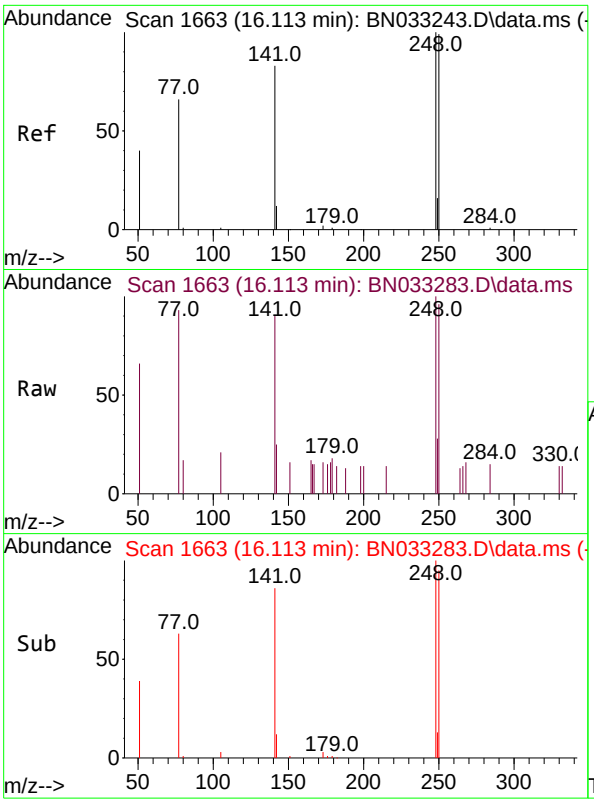


#20
4,6-Dinitro-2-methylphenol
Concen: 0.425 ng
RT: 15.579 min Scan# 1620
Delta R.T. 0.012 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:198 Resp: 183

Ion	Ratio	Lower	Upper
198	100		
51	270.3	250.6	375.8
105	167.6	152.6	229.0



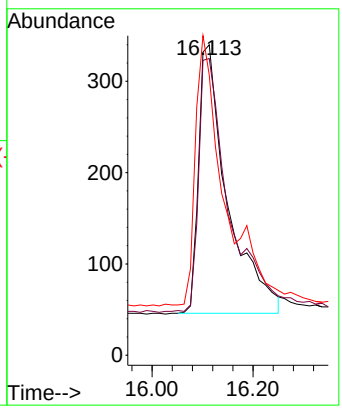


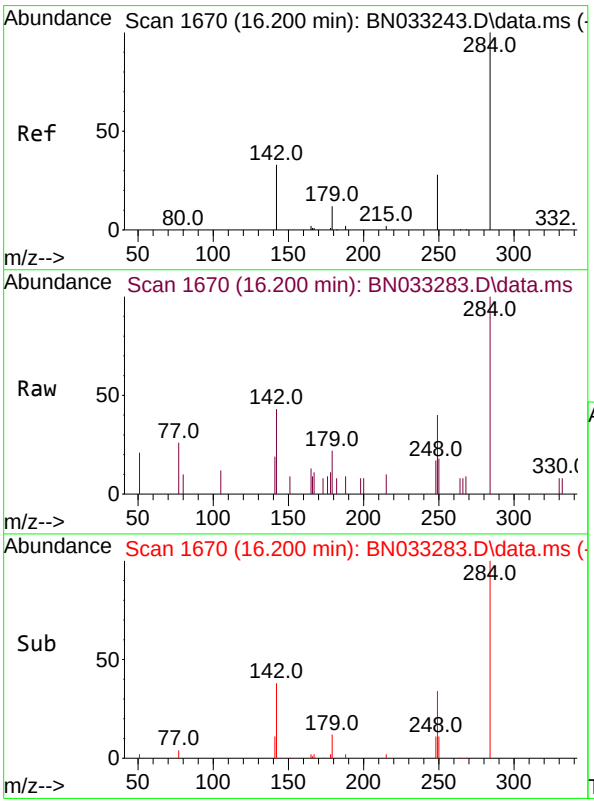
#21
4-Bromophenyl-phenylether
Concen: 0.403 ng
RT: 16.113 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:248 Resp: 1169

Ion	Ratio	Lower	Upper
248	100		
250	95.6	80.0	120.0
141	90.3	71.0	106.6

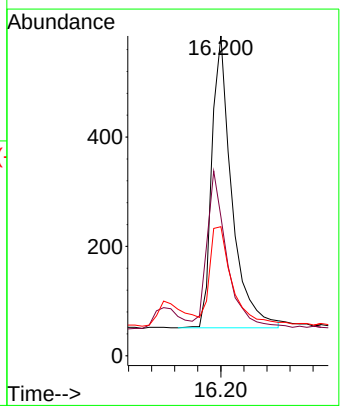


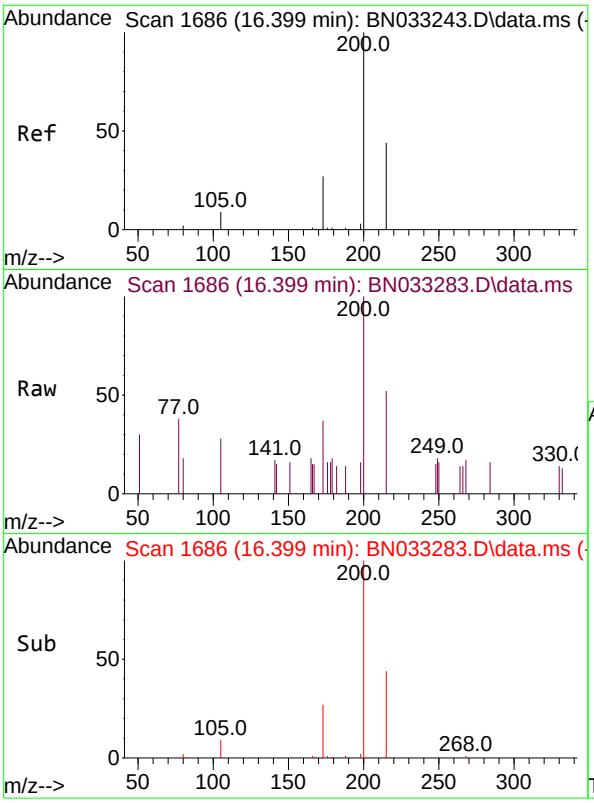


#22
Hexachlorobenzene
Concen: 0.423 ng
RT: 16.200 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:284 Resp: 1283

Ion	Ratio	Lower	Upper
284	100		
142	49.6	38.8	58.2
249	35.2	27.8	41.6



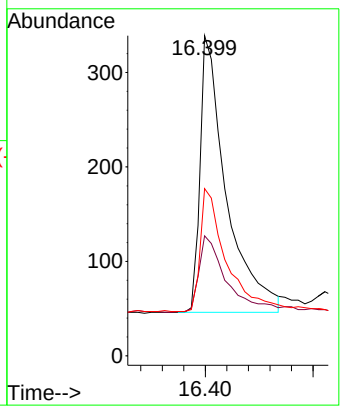


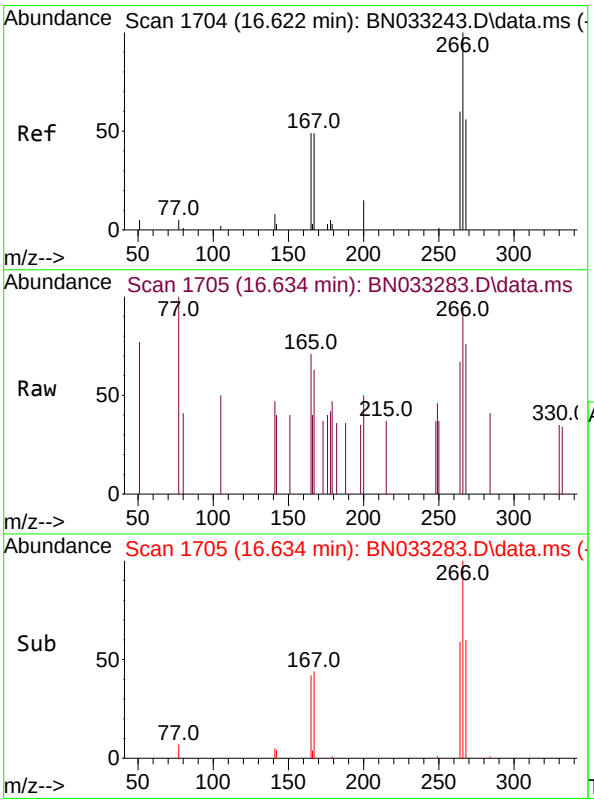
#23
Atrazine
Concen: 0.362 ng
RT: 16.399 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:200 Resp: 990

Ion	Ratio	Lower	Upper
200	100		
173	37.5	29.2	43.8
215	52.2	41.5	62.3

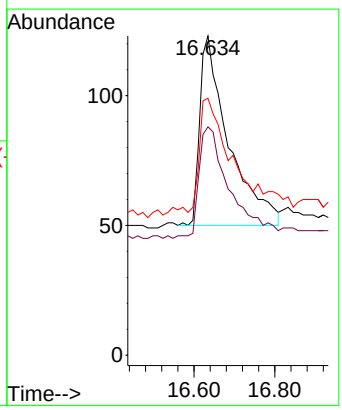


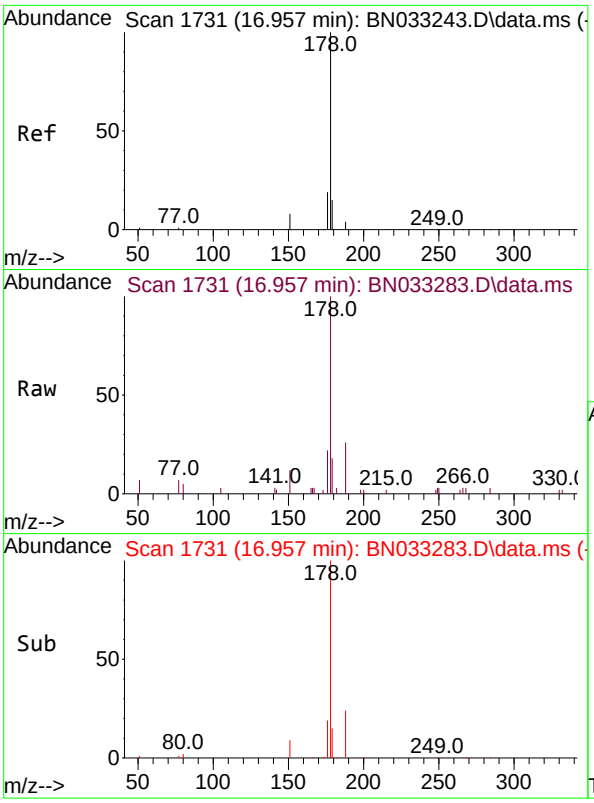


#24
Pentachlorophenol
Concen: 0.358 ng
RT: 16.634 min Scan# 1705
Delta R.T. 0.012 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:266 Resp: 363

Ion	Ratio	Lower	Upper
266	100		
264	63.9	49.3	73.9
268	69.7	50.2	75.2



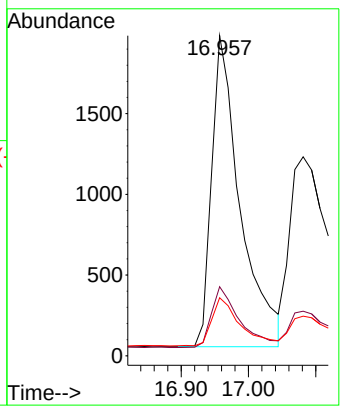


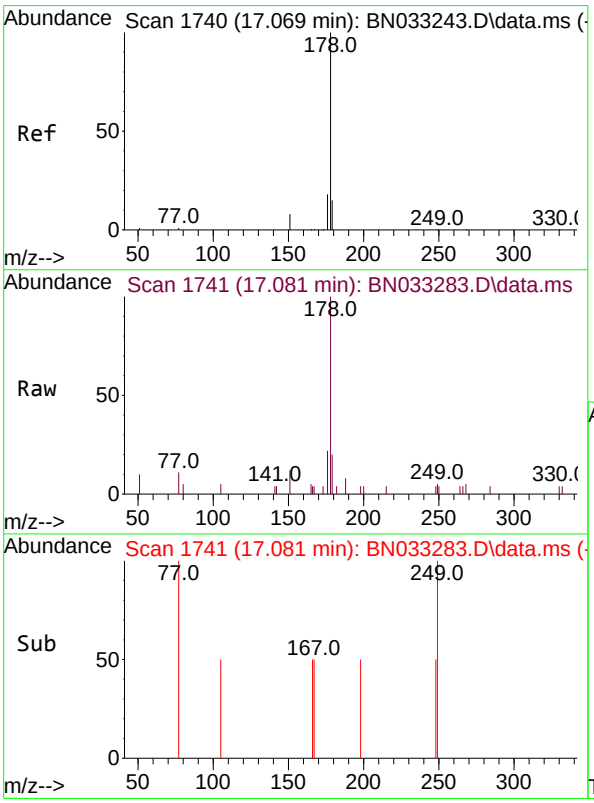
#25
Phenanthrene
Concen: 0.385 ng
RT: 16.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:178 Resp: 5669

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.5	12.4	18.6

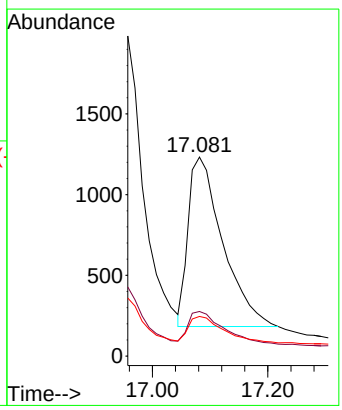


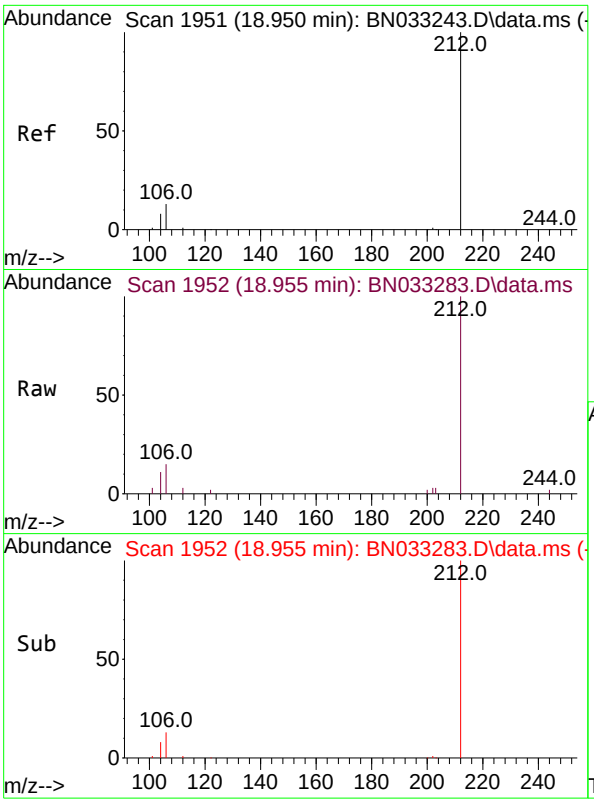


#26
Anthracene
Concen: 0.353 ng
RT: 17.081 min Scan# 1741
Delta R.T. 0.012 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:178 Resp: 4361

Ion	Ratio	Lower	Upper
178	100		
176	19.6	10.5	15.7#
179	15.7	8.6	12.8#



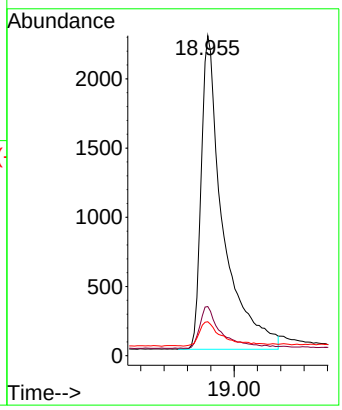


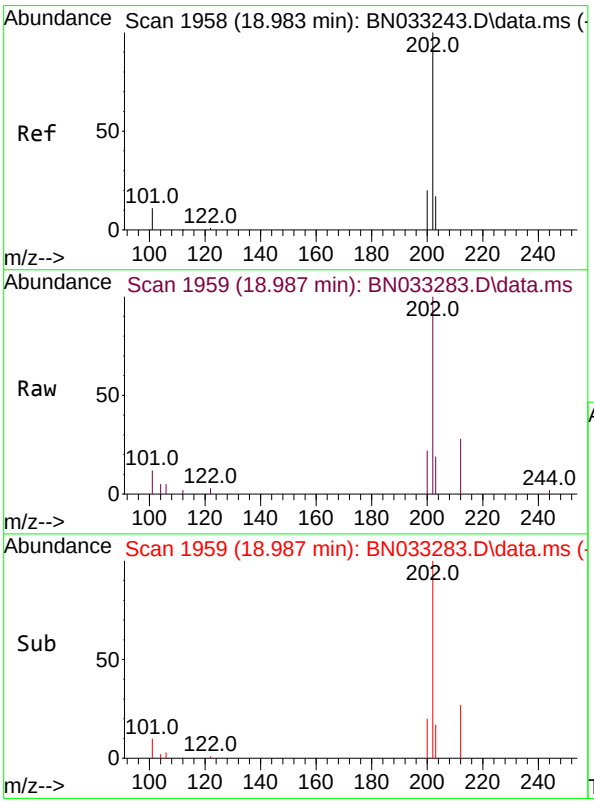
#27
Fluoranthene-d10
Concen: 0.383 ng
RT: 18.955 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:212 Resp: 5871

Ion	Ratio	Lower	Upper
212	100		
106	12.8	11.4	17.0
104	8.3	7.1	10.7

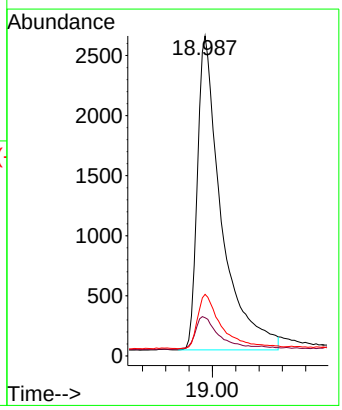


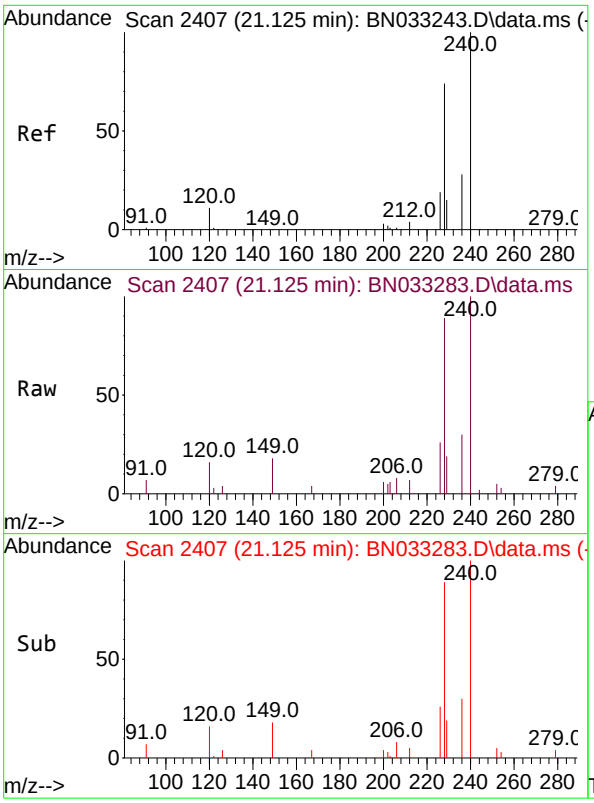


#28
Fluoranthene
Concen: 0.370 ng
RT: 18.987 min Scan# 1959
Delta R.T. 0.005 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:202 Resp: 7465

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.6	13.0
203	17.5	13.8	20.8



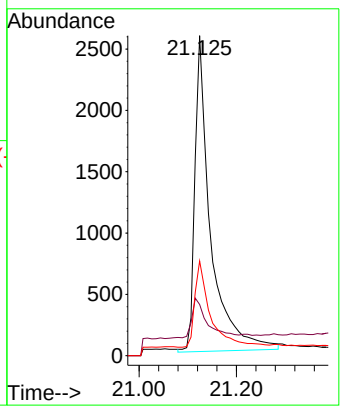


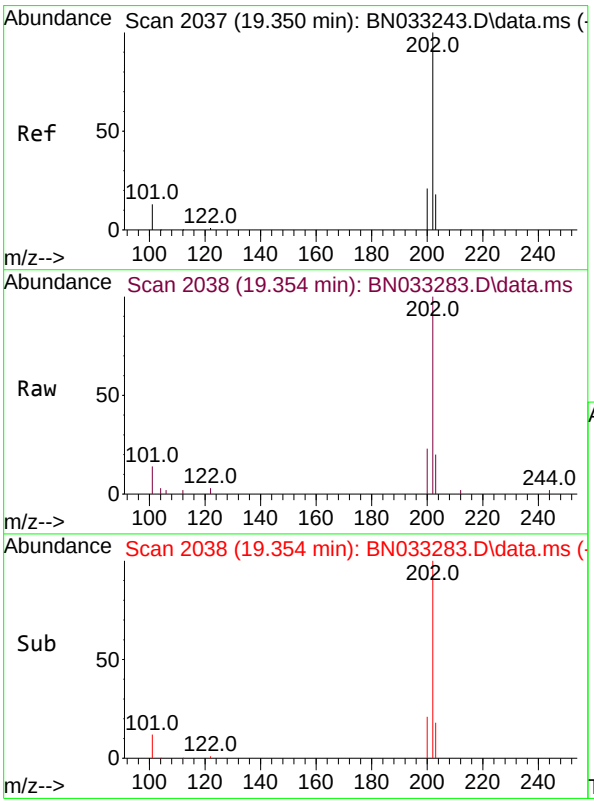
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.125 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:240 Resp: 5757

Ion	Ratio	Lower	Upper
240	100		
120	16.0	13.3	19.9
236	29.6	23.8	35.6

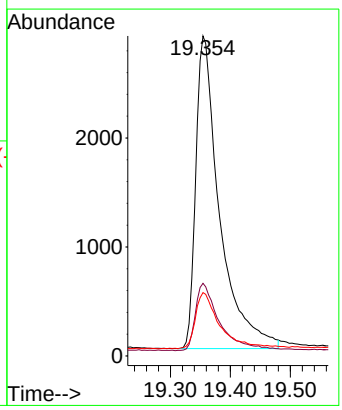


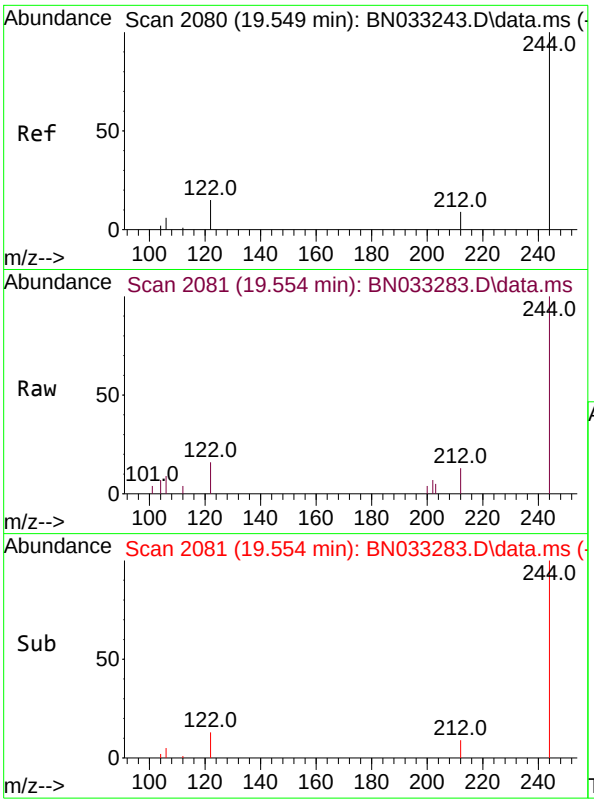


#30
Pyrene
Concen: 0.393 ng
RT: 19.354 min Scan# 2038
Delta R.T. 0.005 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:202 Resp: 7916

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.4
203	18.7	14.4	21.6



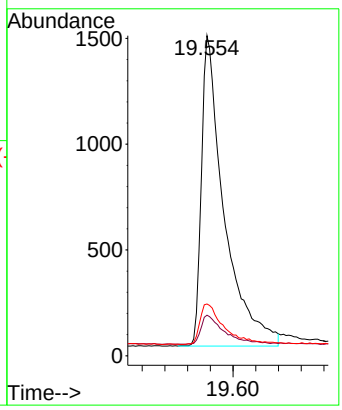


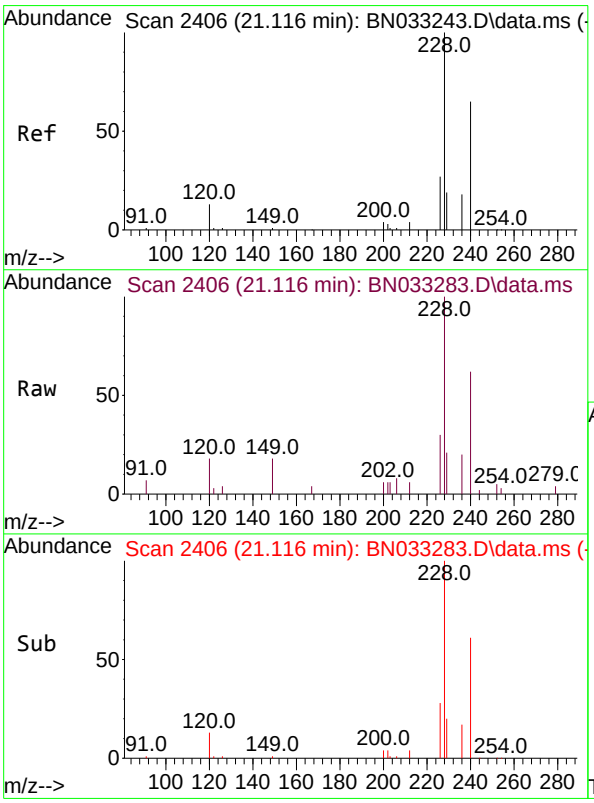
#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.554 min Scan# 2(
Delta R.T. 0.005 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:244 Resp: 4061

Ion	Ratio	Lower	Upper
244	100		
212	12.7	9.9	14.9
122	16.2	14.1	21.1

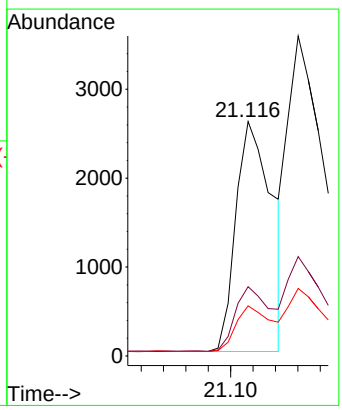


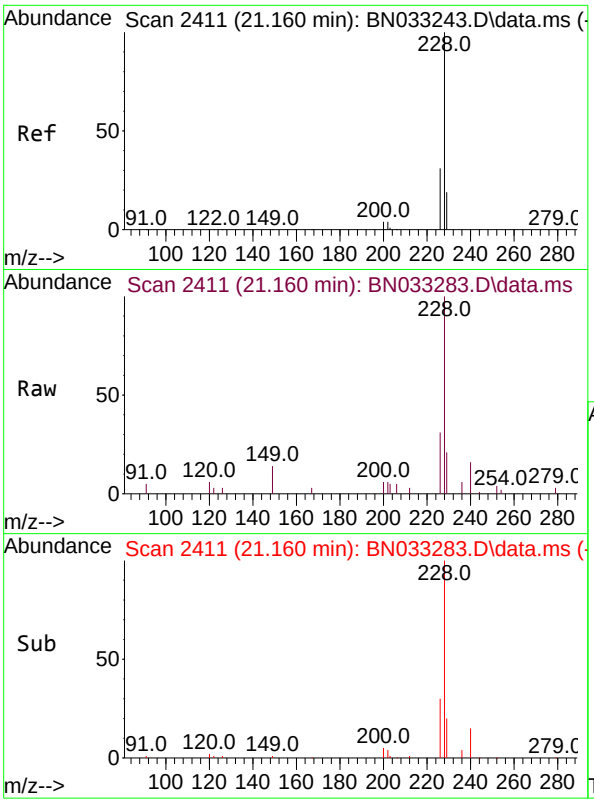


#32
Benzo(a)anthracene
Concen: 0.350 ng
RT: 21.116 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:228 Resp: 5804

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.4	33.6
229	21.4	16.6	25.0



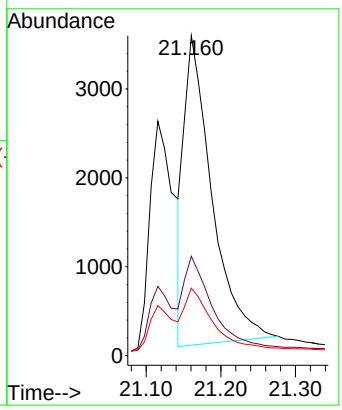


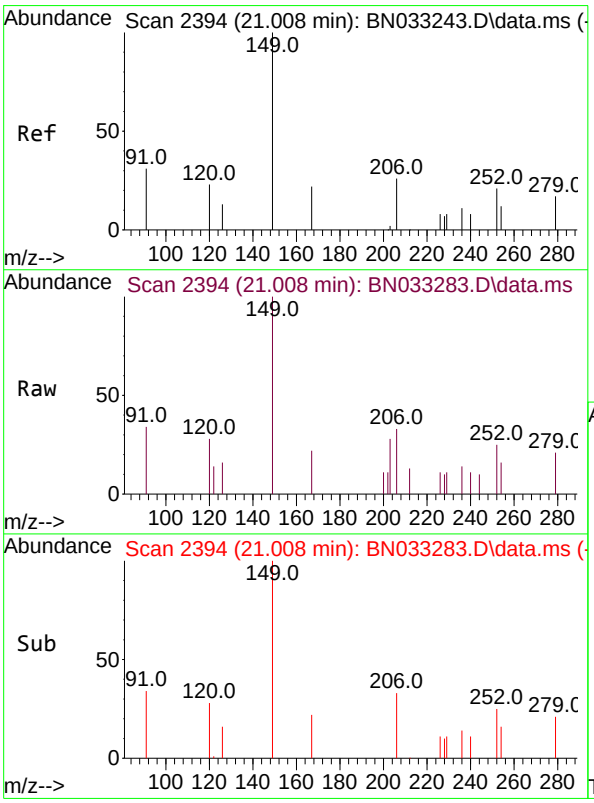
#33
Chrysene
Concen: 0.403 ng
RT: 21.160 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:228 Resp: 8983

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.1	37.7
229	21.1	16.2	24.2

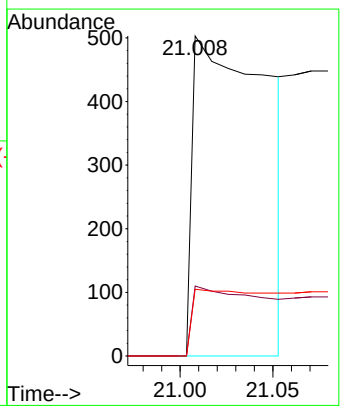


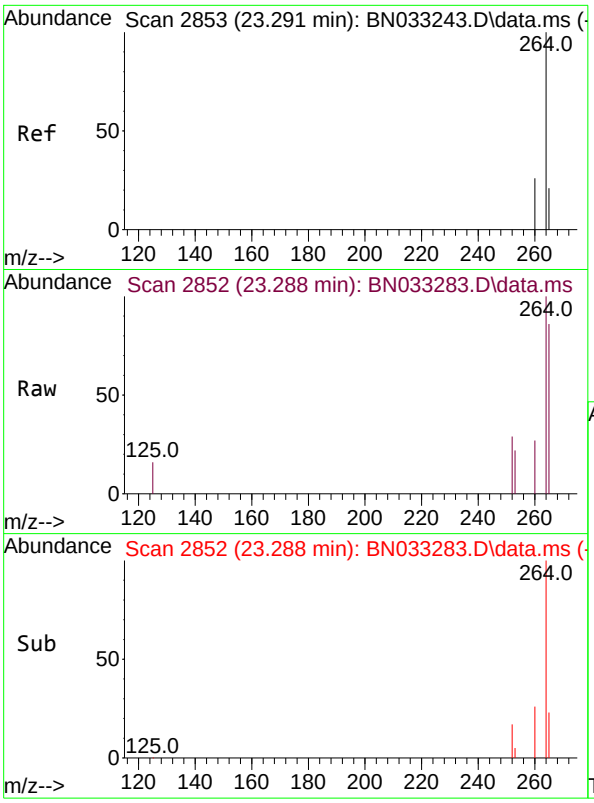


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.319 ng
RT: 21.008 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:149 Resp: 1271

Ion	Ratio	Lower	Upper
149	100		
167	21.4	19.8	29.6
279	18.0	8.2	12.4#



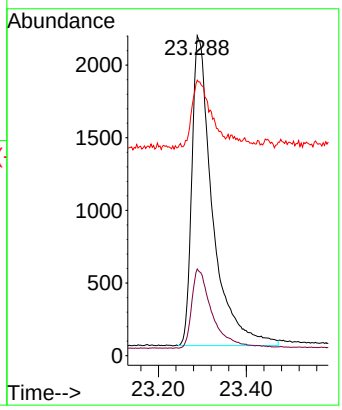


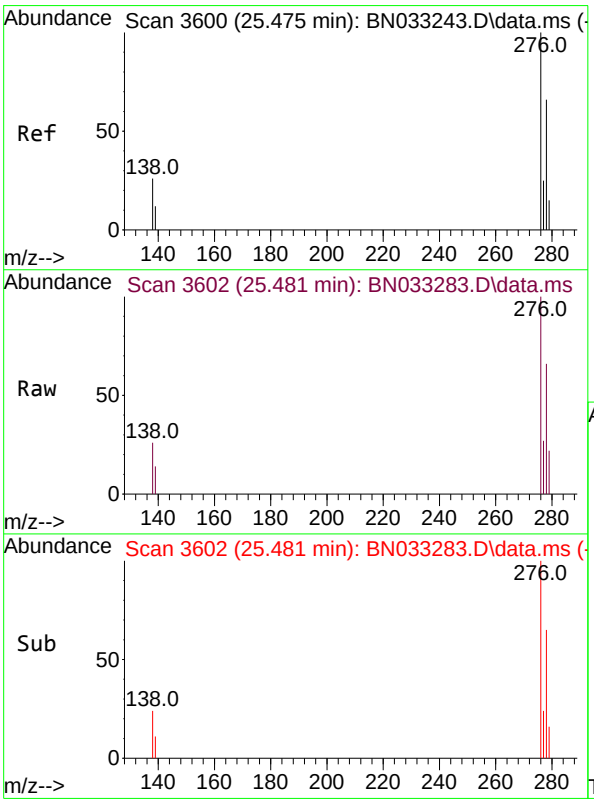
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.288 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:264 Resp: 6999

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.4	32.2
265	86.1	66.6	99.8

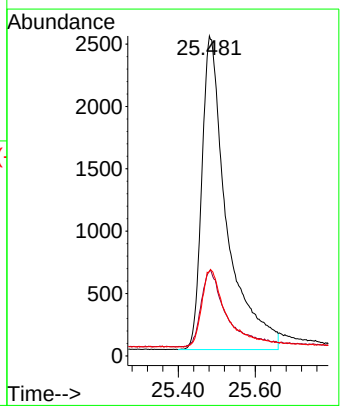


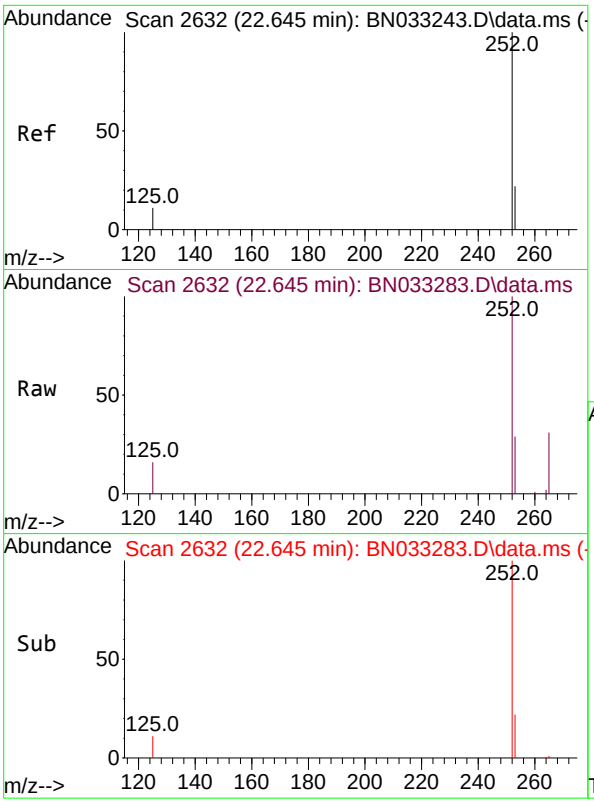


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng
RT: 25.481 min Scan# 3602
Delta R.T. 0.006 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:276 Resp: 11298

Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.4	30.6
277	25.2	19.9	29.9



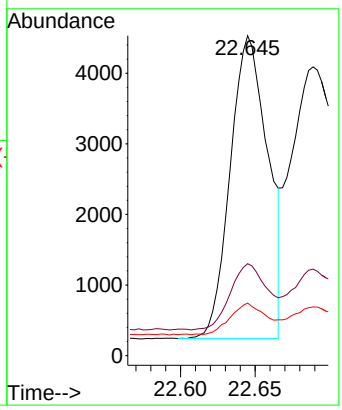


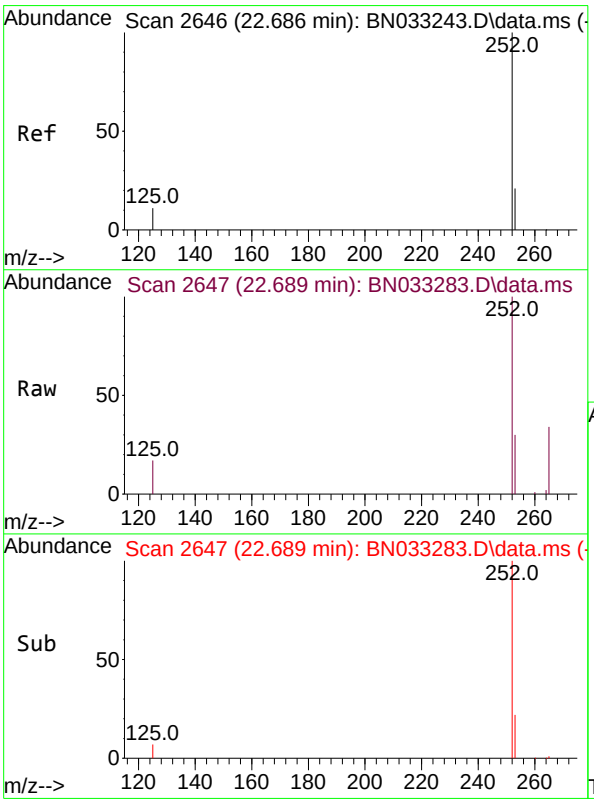
#37
Benzo(b)fluoranthene
Concen: 0.353 ng
RT: 22.645 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:252 Resp: 7500

Ion	Ratio	Lower	Upper
252	100		
253	28.8	23.3	34.9
125	16.4	14.6	22.0

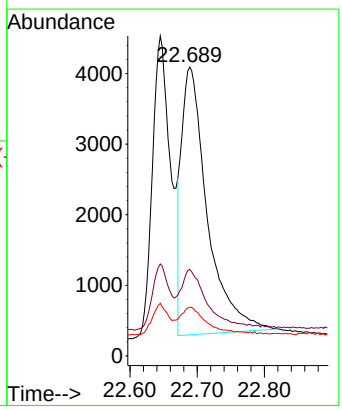


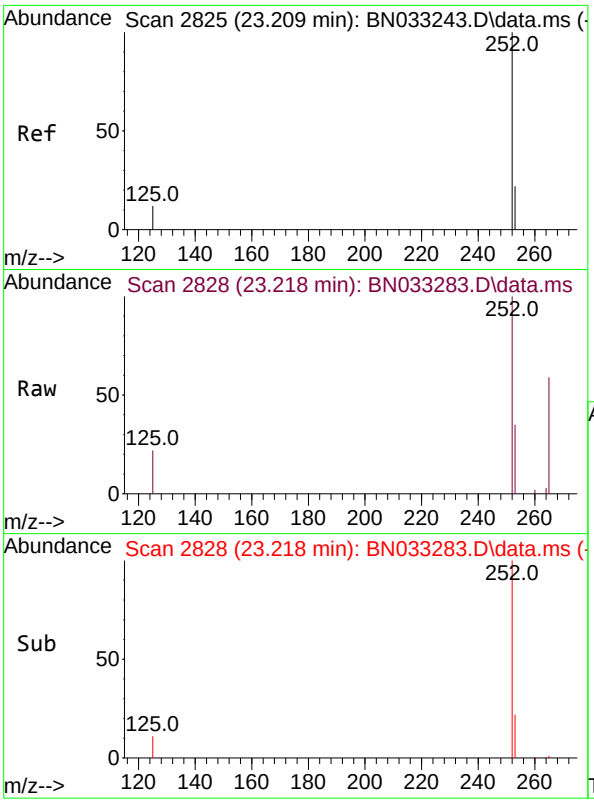


#38
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 22.689 min Scan# 2647
Delta R.T. 0.003 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:252 Resp: 10066

Ion	Ratio	Lower	Upper
252	100		
253	30.0	23.7	35.5
125	16.8	15.4	23.0



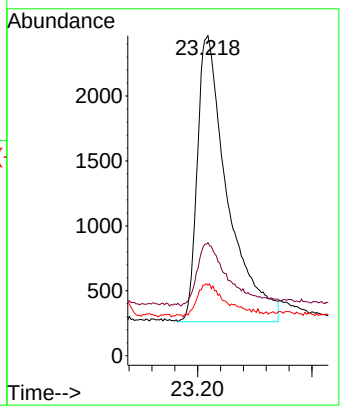


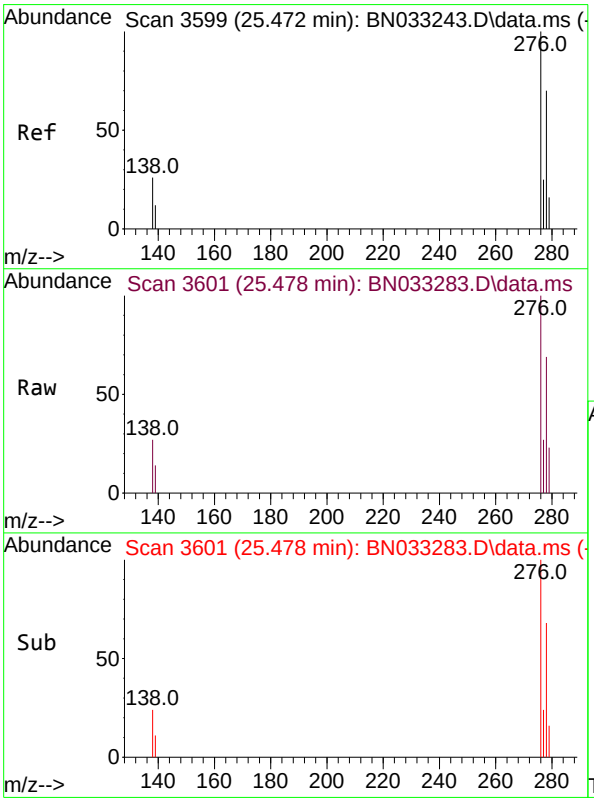
#39
Benzo(a)pyrene
Concen: 0.379 ng
RT: 23.218 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:252 Resp: 8071

Ion	Ratio	Lower	Upper
252	100		
253	35.3	28.4	42.6
125	22.0	20.1	30.1

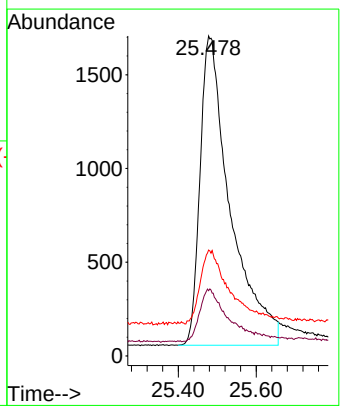


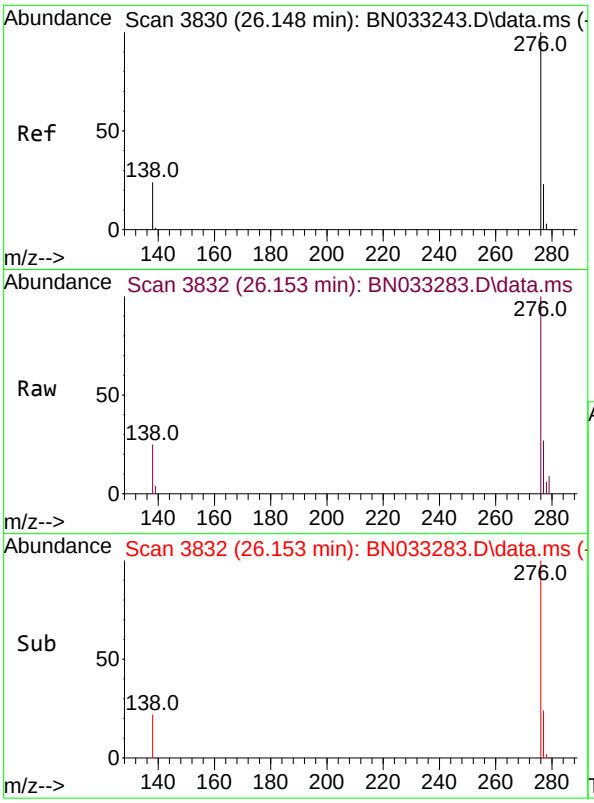


#40
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 25.478 min Scan# 3601
Delta R.T. 0.006 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Tgt Ion:278 Resp: 8899

Ion	Ratio	Lower	Upper
278	100		
139	20.4	16.7	25.1
279	33.1	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.366 ng
RT: 26.153 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN033283.D
Acq: 06 Aug 2024 21:03

Instrument :
BNA_N
ClientSampleId :
PB162519BS

Tgt Ion:276 Resp: 10482

Ion	Ratio	Lower	Upper
276	100		
277	26.7	21.0	31.4
138	24.8	21.4	32.0