Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035747.D
Acq On : 20 Dec 2024 18:18
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 21 01:42:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.272	152	4145	0.400	ng		0.00
7) Naphthalene-d8	10.009	136	11402	0.400	ng		-0.01
13) Acenaphthene-d10	13.924	164	7019	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	13951	0.400	ng	#	0.00
29) Chrysene-d12	20.956	240	11878	0.400	ng		0.00
35) Perylene-d12	23.038	264	12200	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.924	112	10	0.001	ng		-0.01
5) Phenol-d6	6.484	99	102	0.008	ng		0.00
8) Nitrobenzene-d5	8.312	82	427	0.061	ng		-0.10
11) 2-Methylnaphthalene-d10	11.616	152	7049	0.395	ng		0.00
14) 2,4,6-Tribromophenol	15.443	330	9	0.002	ng		-0.01
15) 2-Fluorobiphenyl	12.544	172	12	0.000	ng		0.00
27) Fluoranthene-d10	18.757	212	14421	0.365	ng		0.00
31) Terphenyl-d14	19.393	244	35	0.001	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.982	88	1859	0.469	ng		99
6) bis(2-Chloroethyl)ether	6.723	93	4332	0.413	ng		98
9) Naphthalene	10.063	128	12423	0.413	ng		99
10) Hexachlorobutadiene	10.351	225	3142	0.453	ng	#	99
12) 2-Methylnaphthalene	11.692	142	8345	0.388	ng		99
16) Acenaphthylene	13.636	152	11936	0.405	ng		100
17) Acenaphthene	13.989	154	8162	0.417	ng		98
18) Fluorene	14.993	166	10307	0.368	ng		99
20) 4,6-Dinitro-2-methylph...	15.122	198	168	0.122	ng	#	3
21) 4-Bromophenyl-phenylether	15.904	248	3188	0.391	ng	#	83
22) Hexachlorobenzene	16.003	284	4408	0.460	ng		97
24) Pentachlorophenol	16.376	266	1329	0.319	ng		86
25) Phenanthrene	16.735	178	15452	0.403	ng		100
26) Anthracene	16.835	178	14156	0.408	ng		99
28) Fluoranthene	18.789	202	18255	0.353	ng		100
30) Pyrene	19.156	202	19874	0.453	ng		100
32) Benzo(a)anthracene	20.938	228	16354	0.394	ng		99
33) Chrysene	20.991	228	18340	0.428	ng		98
34) Bis(2-ethylhexyl)phtha...	20.911	149	7490	0.456	ng		98
36) Indeno(1,2,3-cd)pyrene	25.061	276	21102	0.442	ng		99
37) Benzo(b)fluoranthene	22.427	252	21982	0.493	ng		99
38) Benzo(k)fluoranthene	22.427	252	21982	0.500	ng		99
39) Benzo(a)pyrene	22.947	252	15636	0.425	ng		98
40) Dibenzo(a,h)anthracene	25.082	278	15847	0.421	ng		98
41) Benzo(g,h,i)perylene	25.675	276	16995	0.432	ng		98

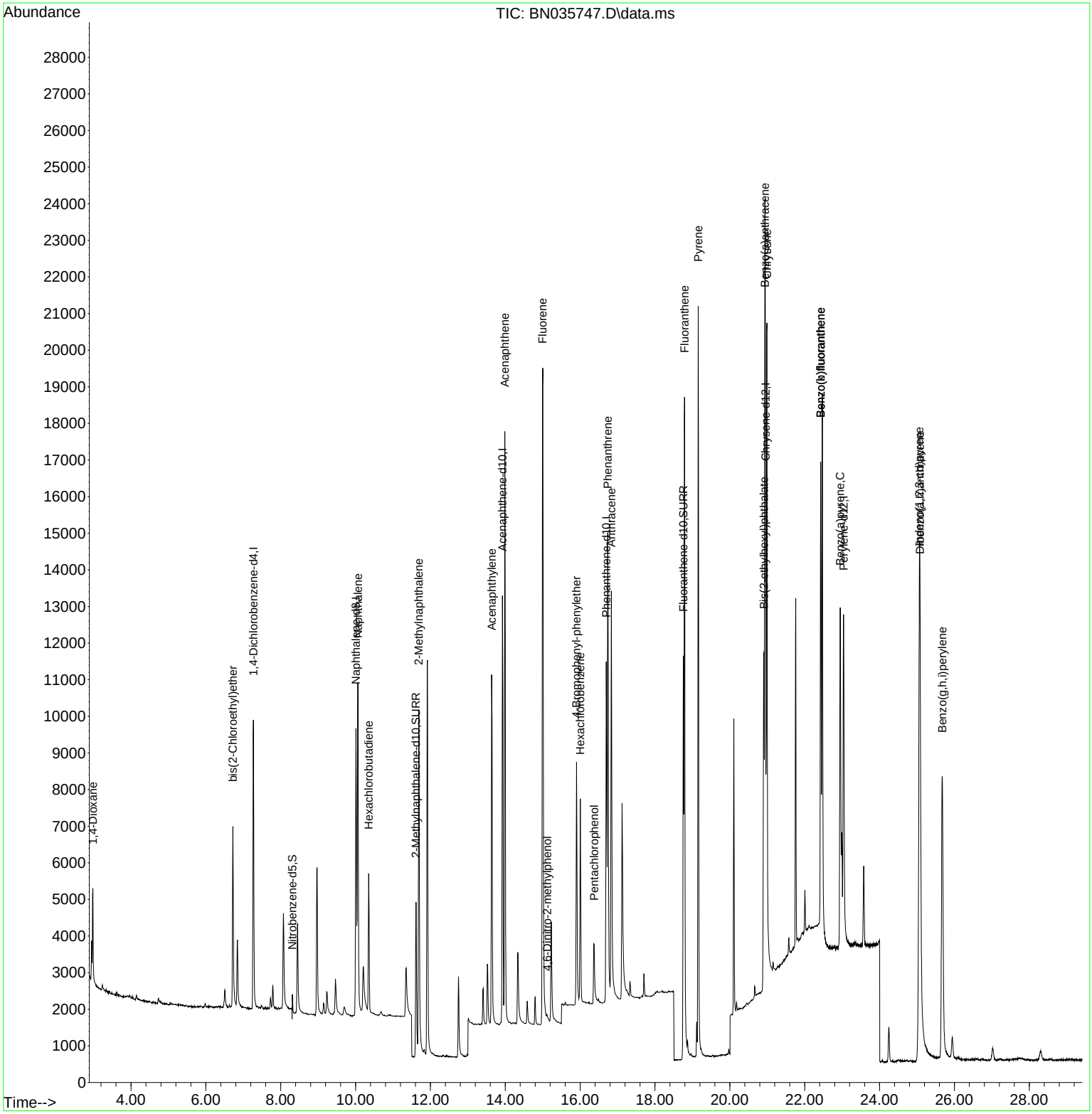
(#) = qualifier out of range (m) = manual integration (+) = signals summed

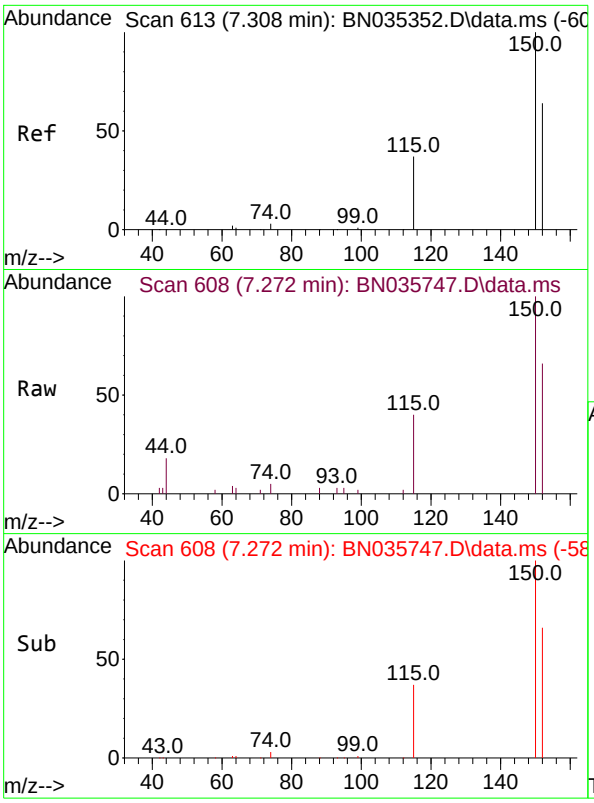
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035747.D
Acq On : 20 Dec 2024 18:18
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 21 01:42:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration



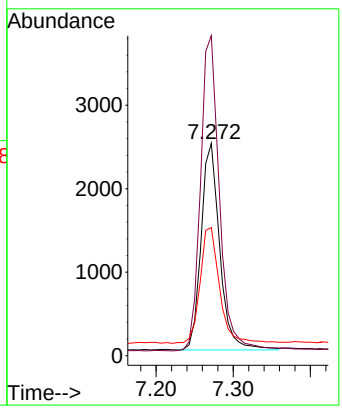


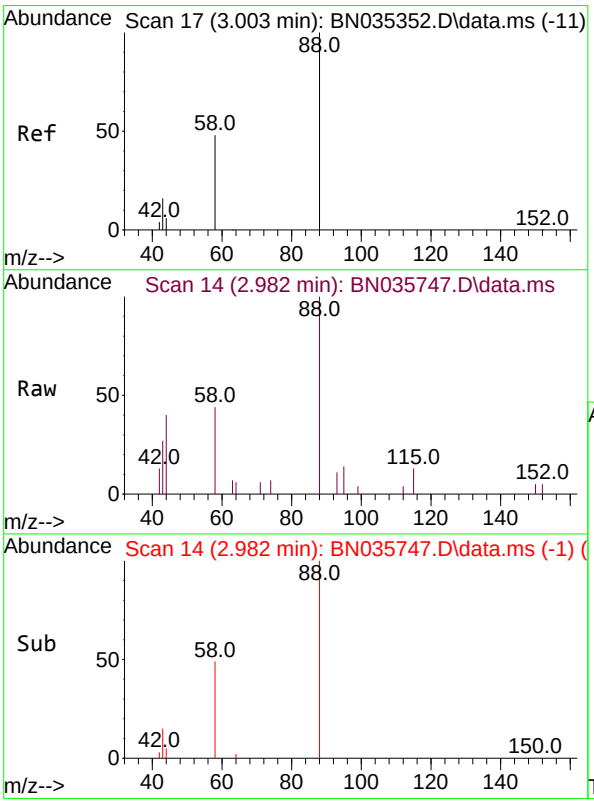
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4145

Ion	Ratio	Lower	Upper
152	100		
150	150.8	124.0	186.0
115	60.4	49.6	74.4

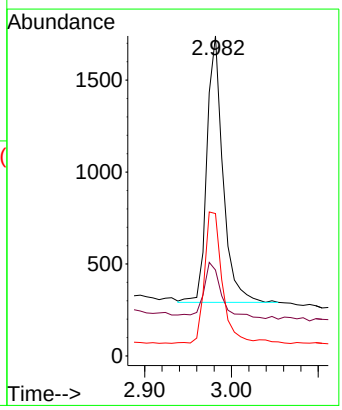


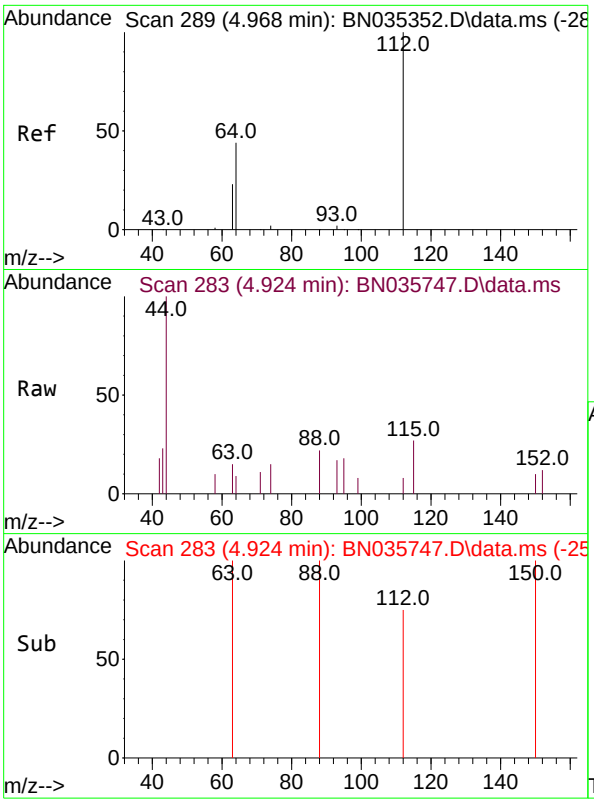


#2
1,4-Dioxane
Concen: 0.469 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion: 88 Resp: 1859

Ion	Ratio	Lower	Upper
88	100		
43	23.8	17.2	25.8
58	55.6	44.5	66.7



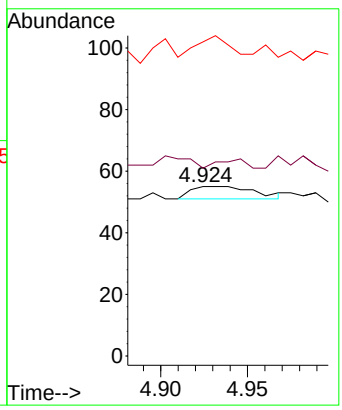


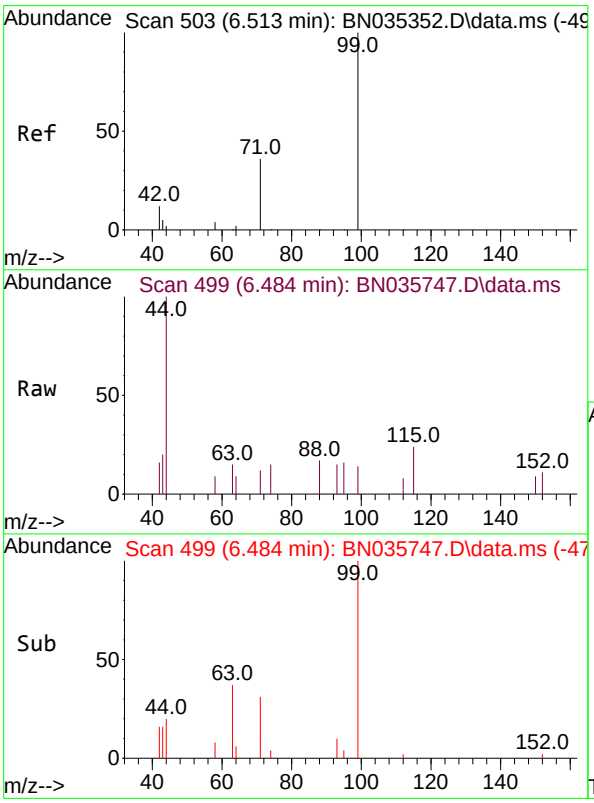
#4
2-Fluorophenol
Concen: 0.001 ng
RT: 4.924 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:112 Resp: 10

Ion	Ratio	Lower	Upper
112	100		
64	0.0	39.8	59.8#
63	140.0	21.0	31.6#

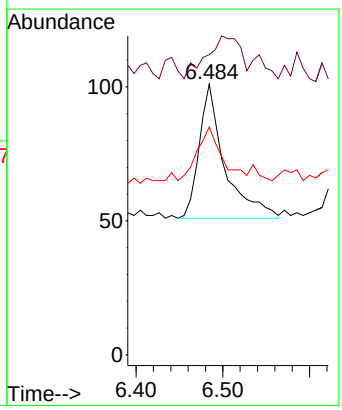


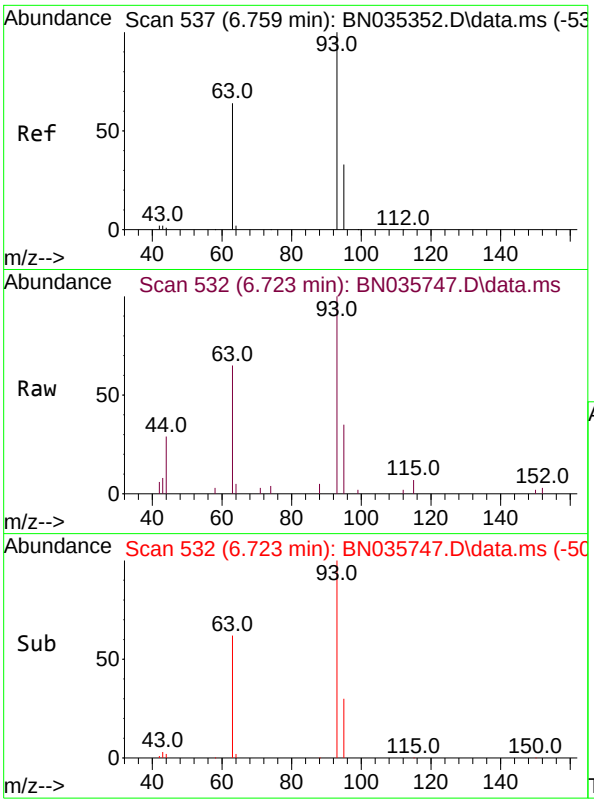


#5
Phenol-d6
Concen: 0.008 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion: 99 Resp: 102

Ion	Ratio	Lower	Upper
99	100		
42	42.2	11.4	17.2#
71	39.2	29.3	43.9



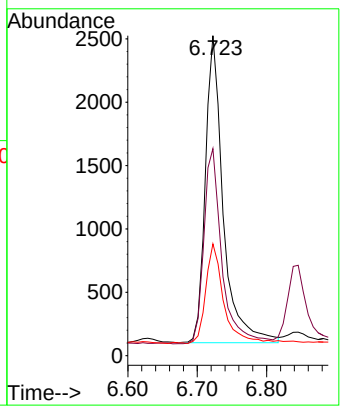


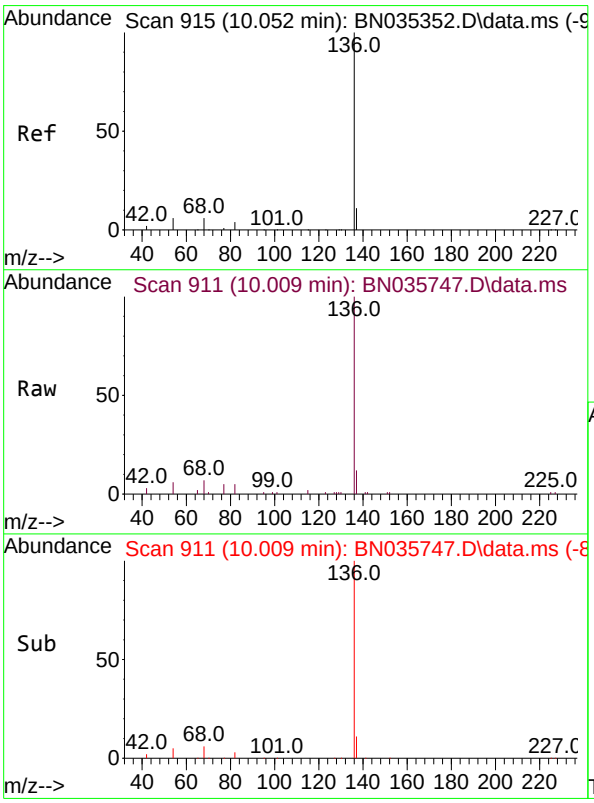
#6
bis(2-Chloroethyl)ether
Concen: 0.413 ng
RT: 6.723 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 93 Resp: 4332

Ion	Ratio	Lower	Upper
93	100		
63	64.4	50.4	75.6
95	33.6	25.7	38.5

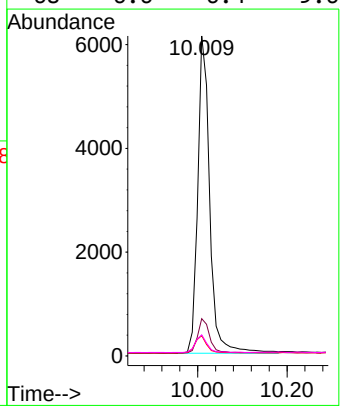


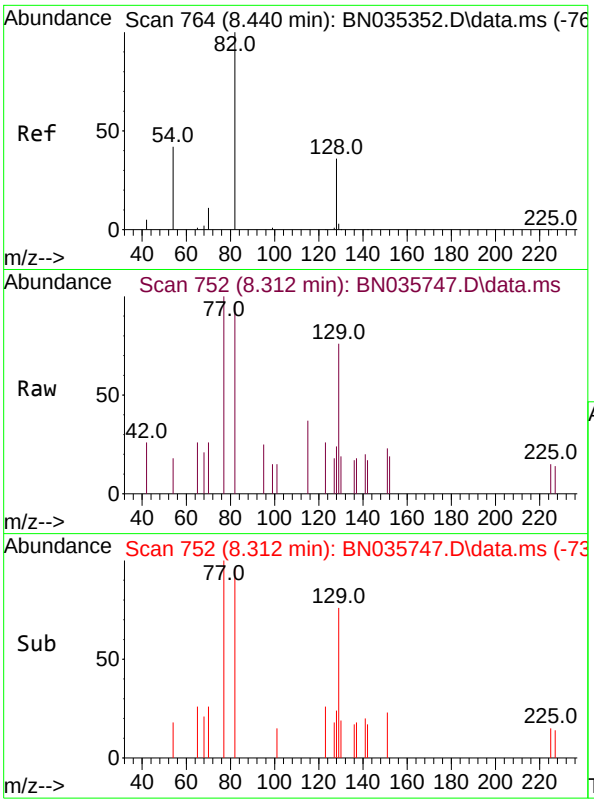


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:136 Resp: 11402

Ion	Ratio	Lower	Upper
136	100		
137	11.7	10.2	15.2
54	6.3	6.1	9.1
68	6.6	6.4	9.6



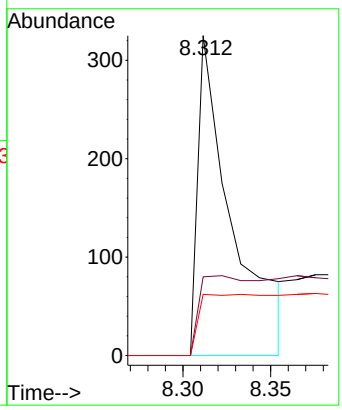


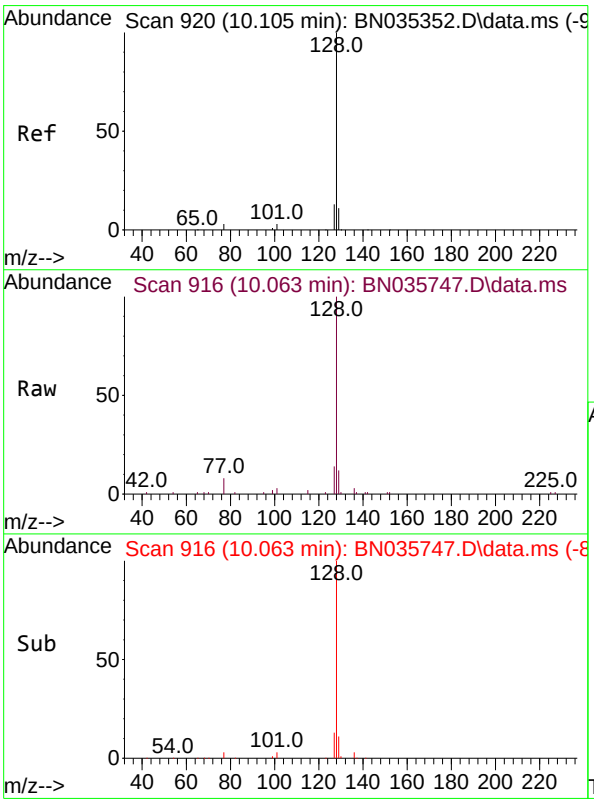
#8
Nitrobenzene-d5
Concen: 0.061 ng
RT: 8.312 min Scan# 7
Delta R.T. -0.096 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 82 Resp: 427

Ion	Ratio	Lower	Upper
82	100		
128	24.6	33.4	50.0#
54	19.1	36.7	55.1#

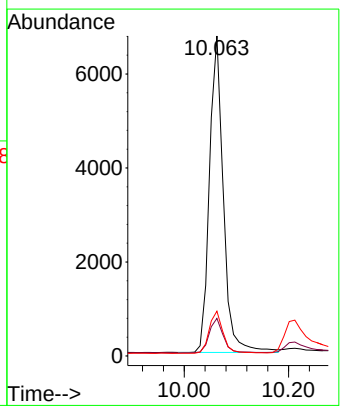


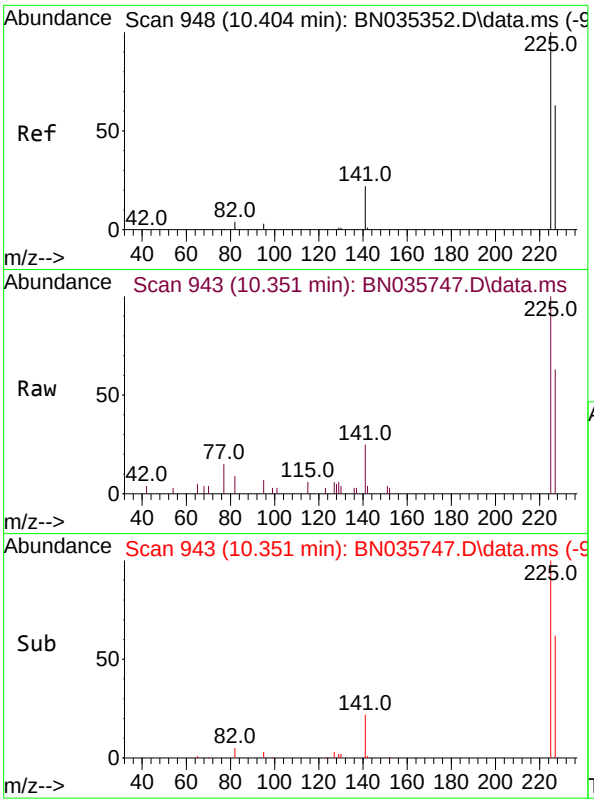


#9
Naphthalene
Concen: 0.413 ng
RT: 10.063 min Scan# 916
Delta R.T. -0.000 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:128 Resp: 12423

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	14.0	11.4	17.2



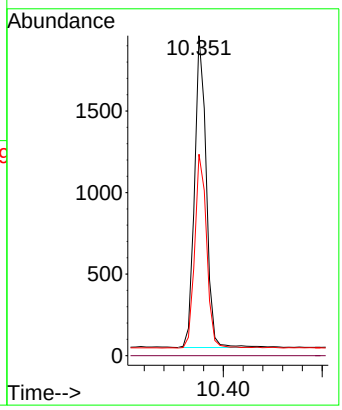


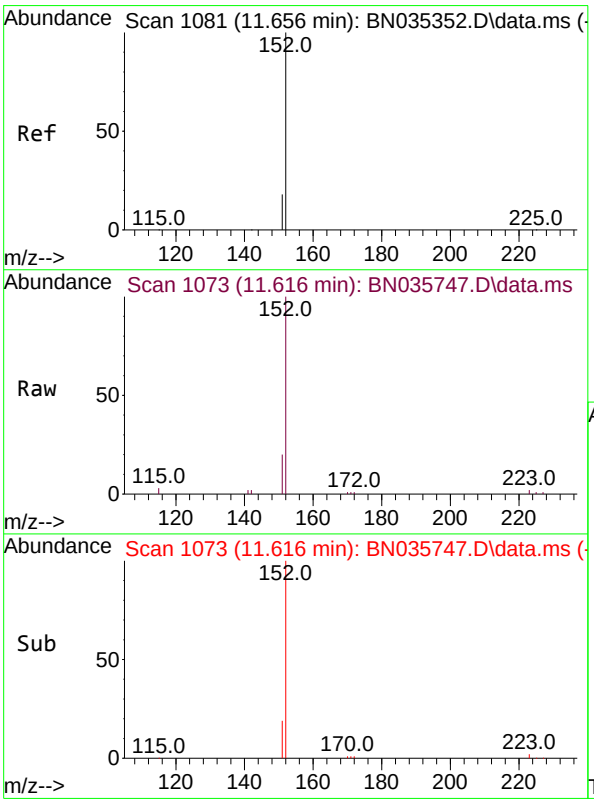
#10
Hexachlorobutadiene
Concen: 0.453 ng
RT: 10.351 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:225 Resp: 3142

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	51.3	76.9

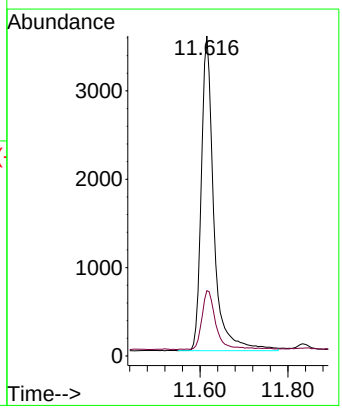


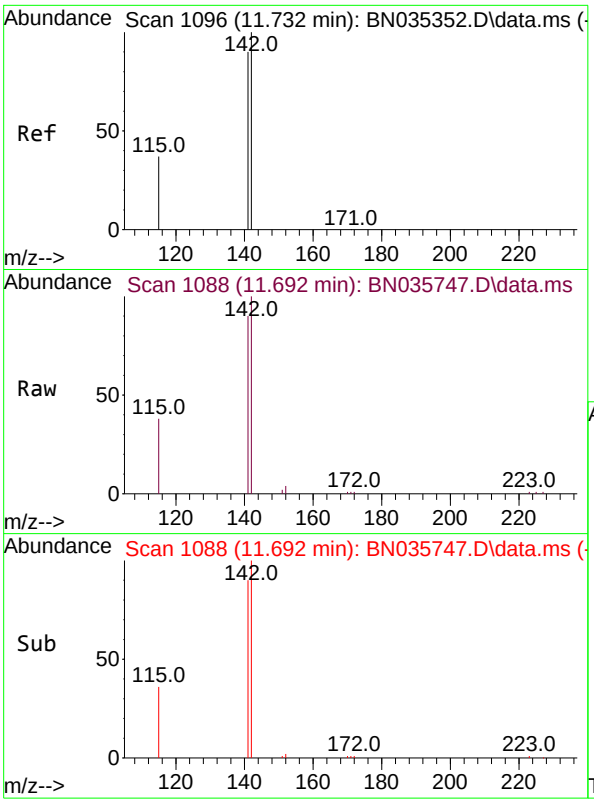


#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 11.616 min Scan# 1073
Delta R.T. -0.005 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:152 Resp: 7049

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0



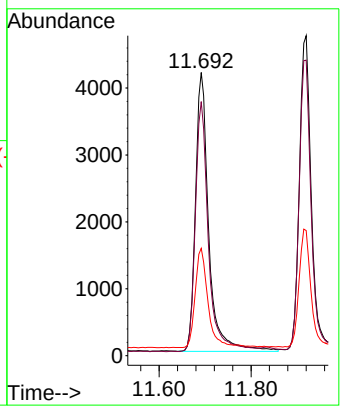


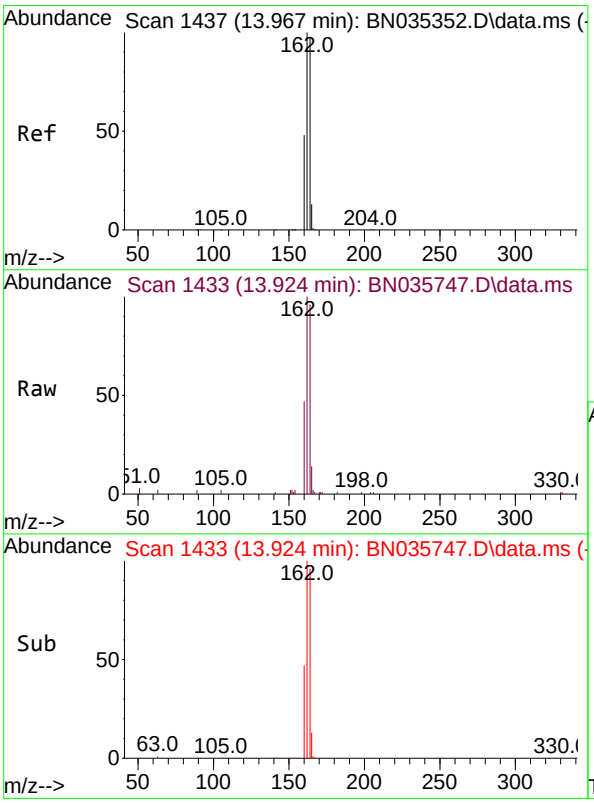
#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 11.692 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:142 Resp: 8345

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.2	108.4
115	37.9	31.4	47.0

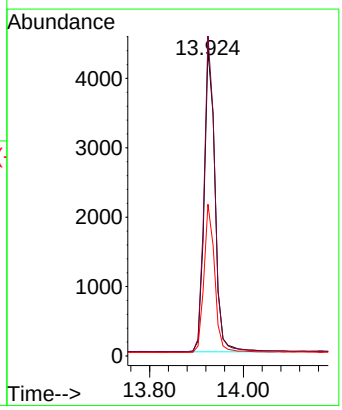


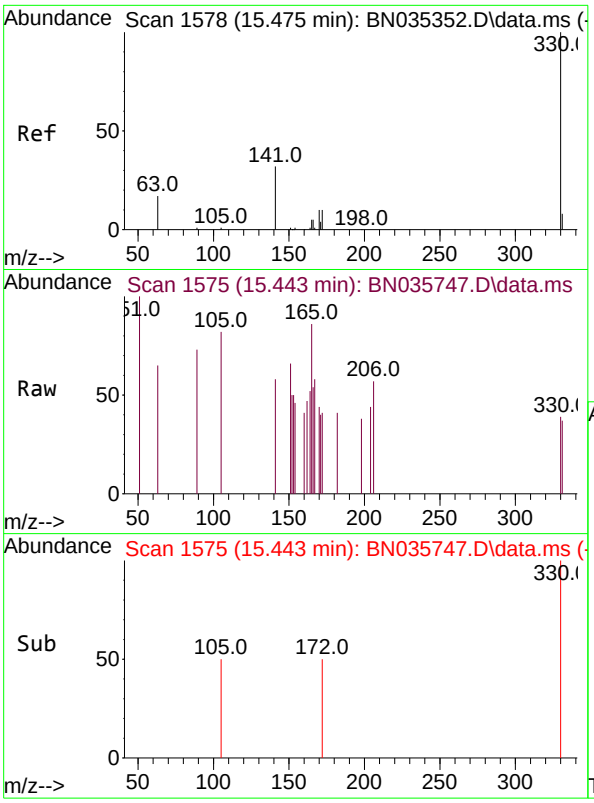


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:164 Resp: 7019

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.2	123.2
160	49.5	40.1	60.1



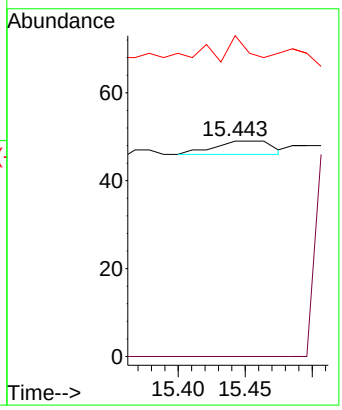


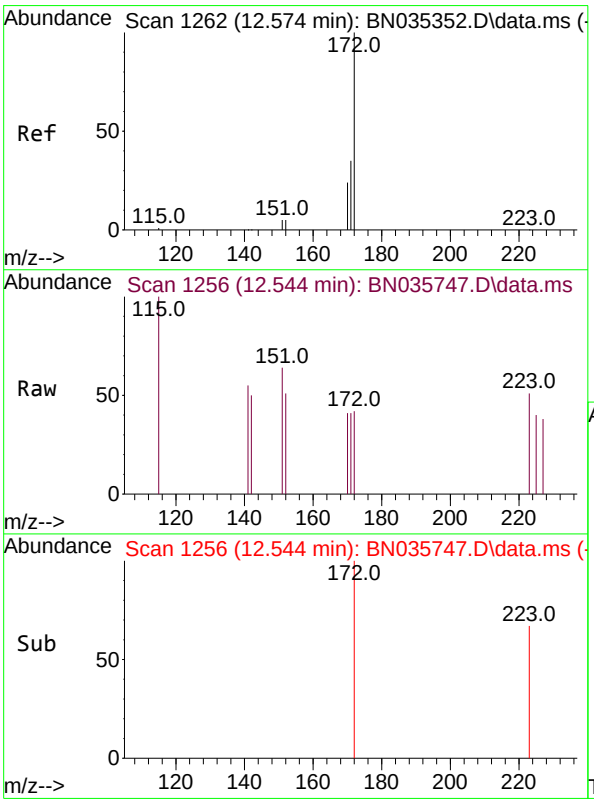
#14
2,4,6-Tribromophenol
Concen: 0.002 ng
RT: 15.443 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:330 Resp: 9

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	77.8	26.6	40.0#

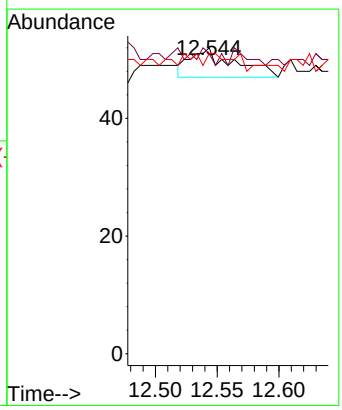


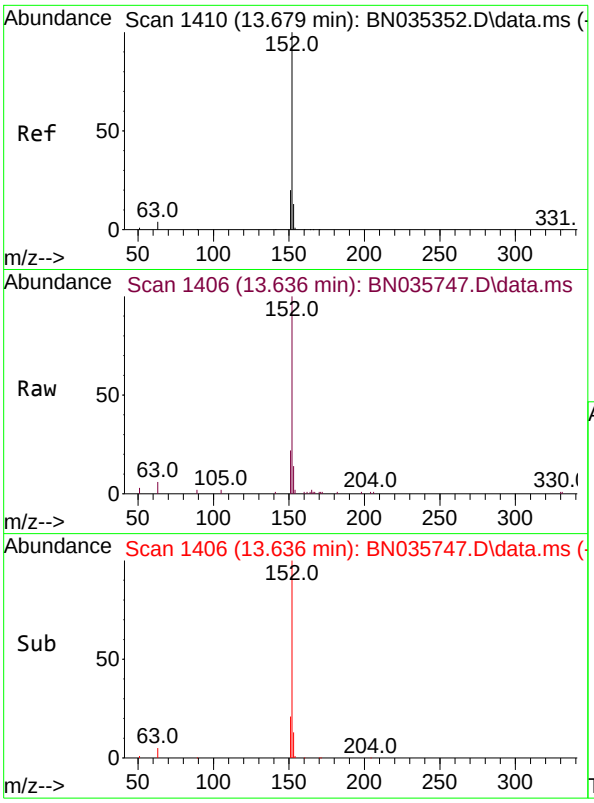


#15
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 12.544 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:172 Resp: 12

Ion	Ratio	Lower	Upper
172	100		
171	98.1	29.0	43.4#
170	98.1	19.8	29.8#



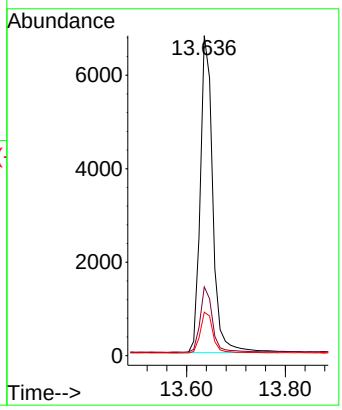


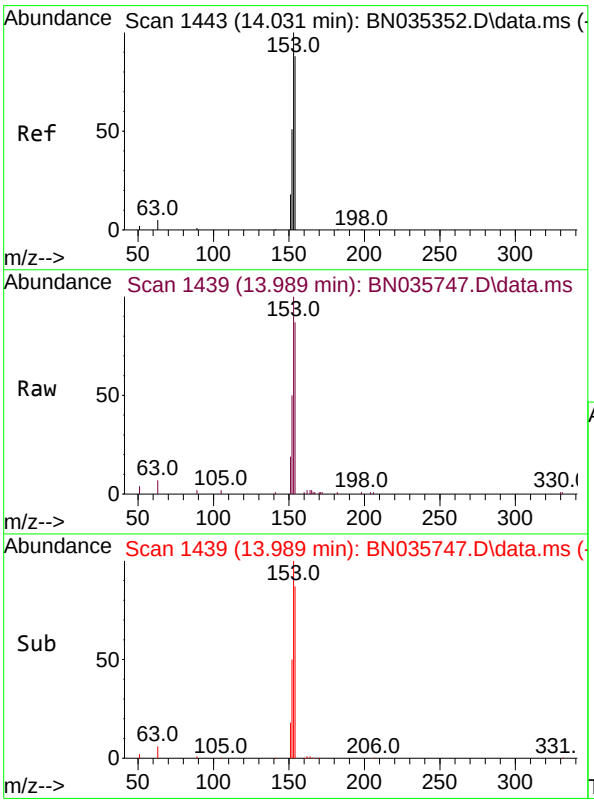
#16
Acenaphthylene
Concen: 0.405 ng
RT: 13.636 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 11936

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.1	10.4	15.6

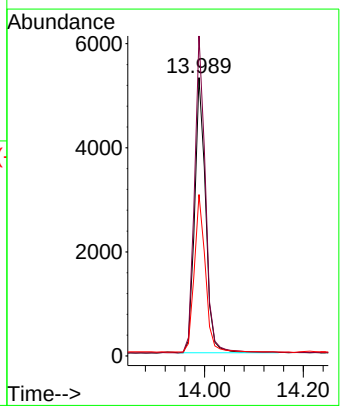


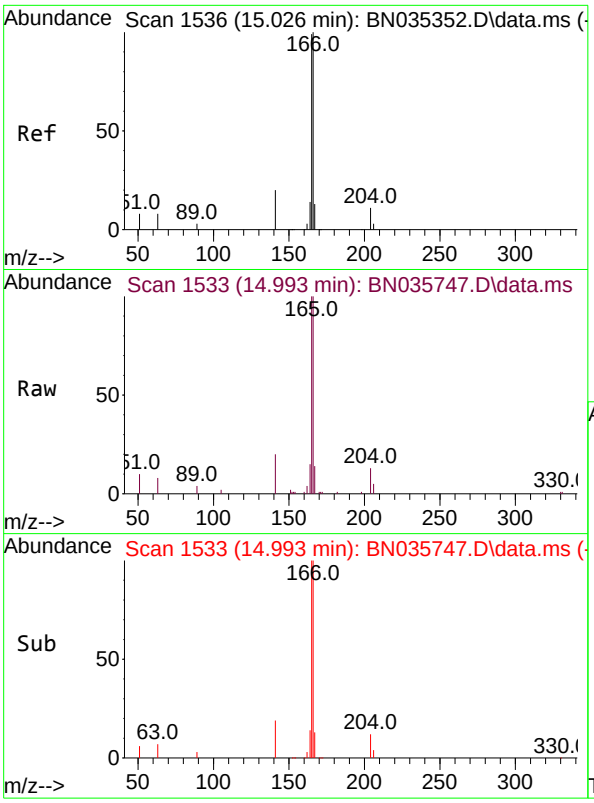


#17
Acenaphthene
Concen: 0.417 ng
RT: 13.989 min Scan# 1439
Delta R.T. -0.011 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:154 Resp: 8162

Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.6	139.0
152	57.6	49.0	73.6



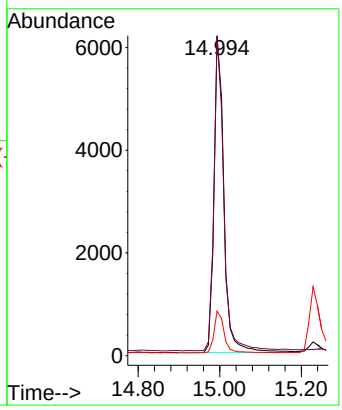


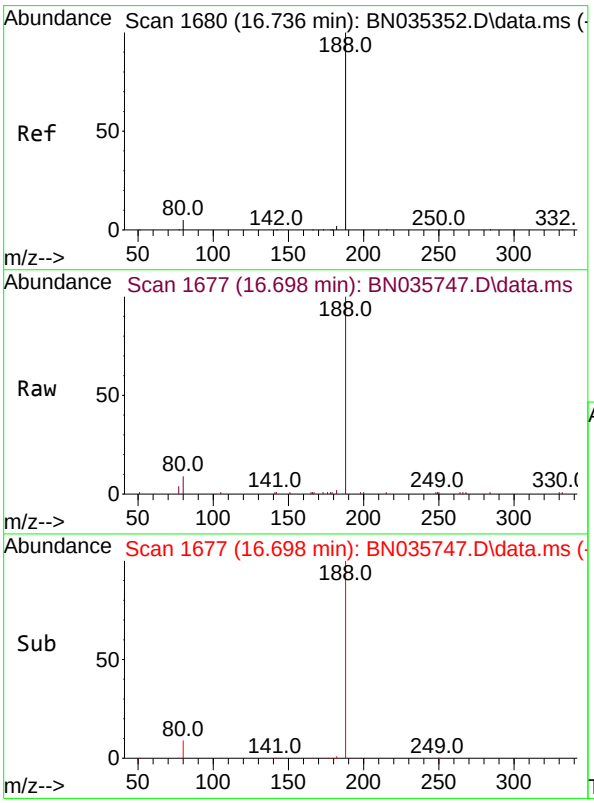
#18
Fluorene
Concen: 0.368 ng
RT: 14.993 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:166 Resp: 10307

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.7	119.5
167	13.4	10.8	16.2

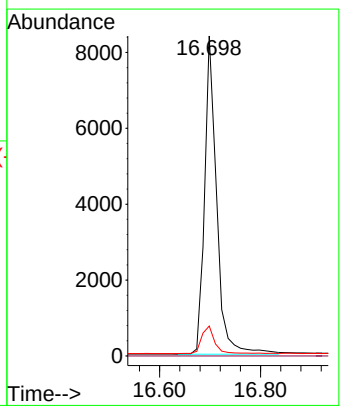


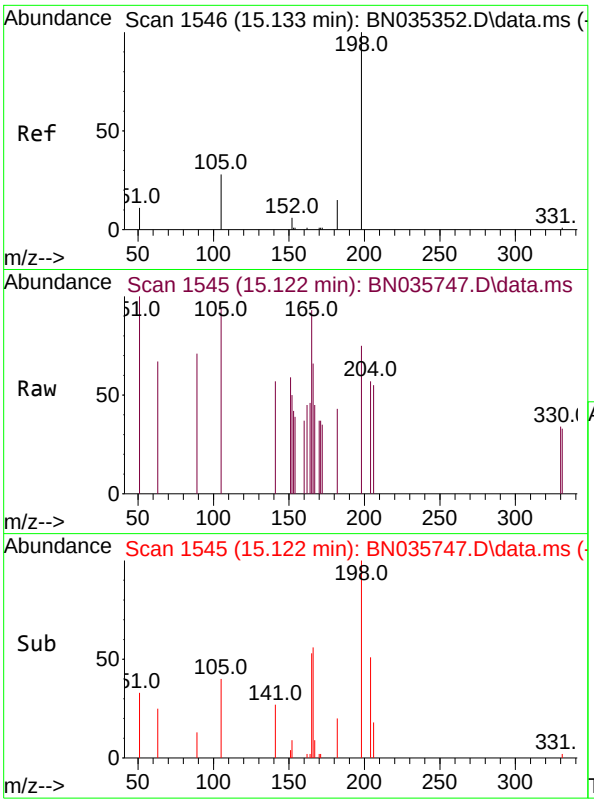


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:188 Resp: 13951

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	4.6	6.8#



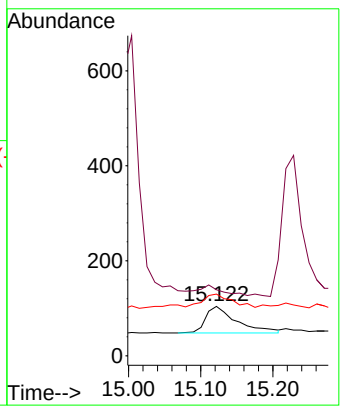


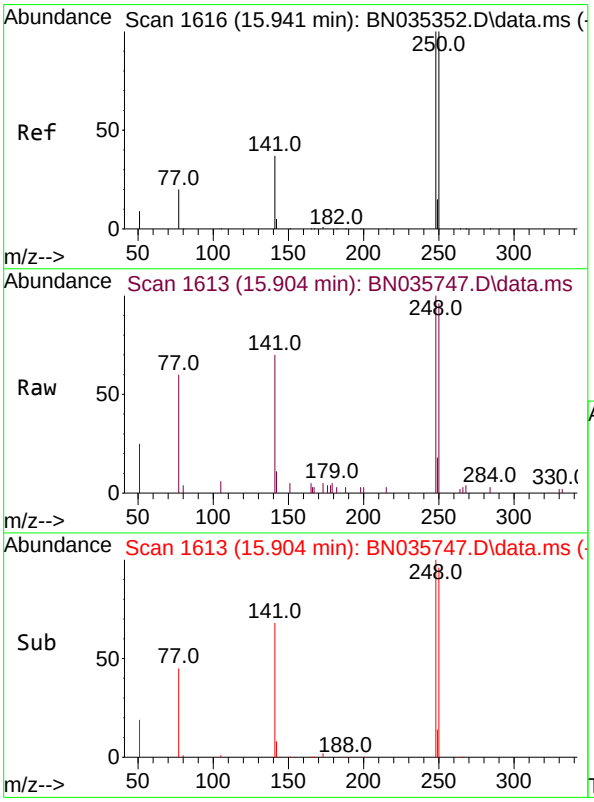
#20
4,6-Dinitro-2-methylphenol
Concen: 0.122 ng
RT: 15.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:198 Resp: 168

Ion	Ratio	Lower	Upper
198	100		
51	133.7	46.5	69.7#
105	125.0	45.3	67.9#

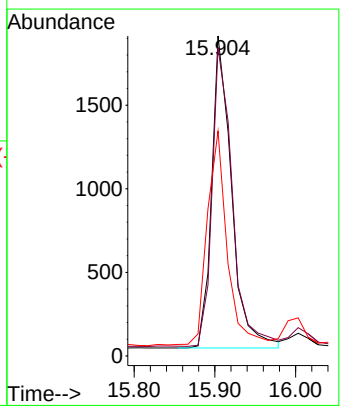


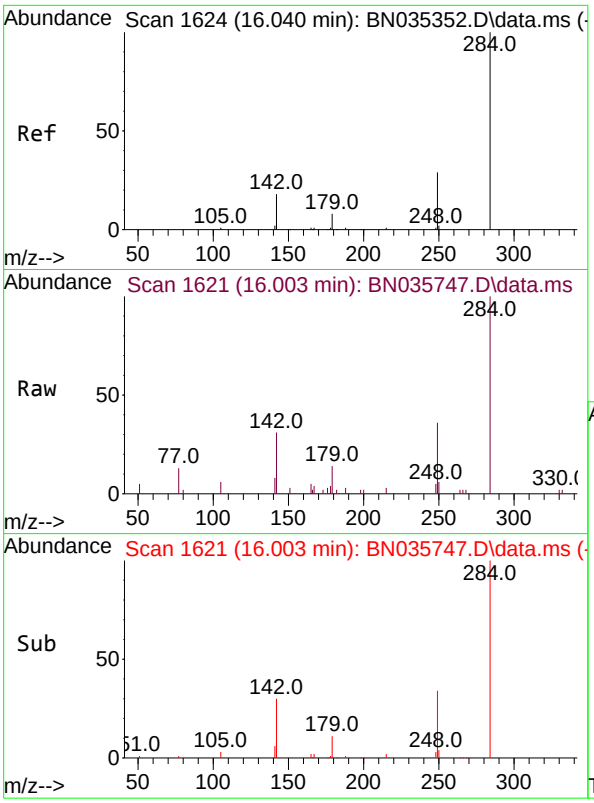


#21
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 15.904 min Scan# 1613
Delta R.T. -0.013 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:248 Resp: 3188

Ion	Ratio	Lower	Upper
248	100		
250	96.4	80.6	120.8
141	70.3	31.5	47.3#



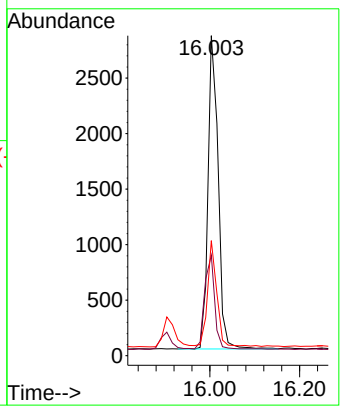


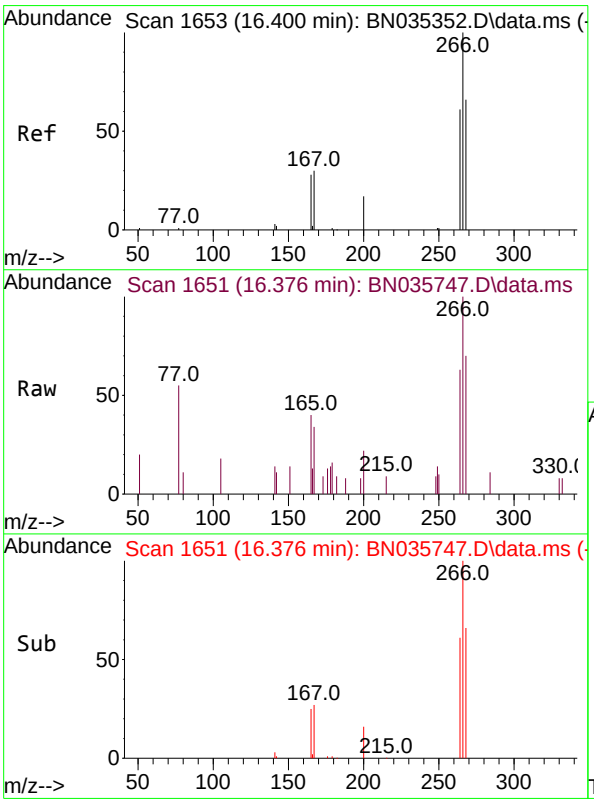
#22
Hexachlorobenzene
Concen: 0.460 ng
RT: 16.003 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4408

Ion	Ratio	Lower	Upper
284	100		
142	29.9	26.7	40.1
249	30.7	24.6	36.8

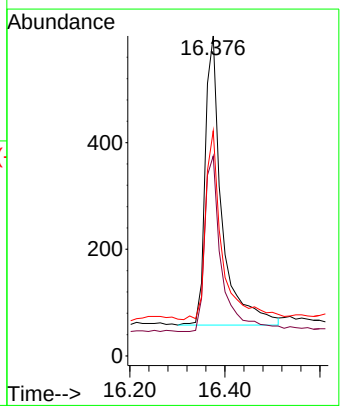


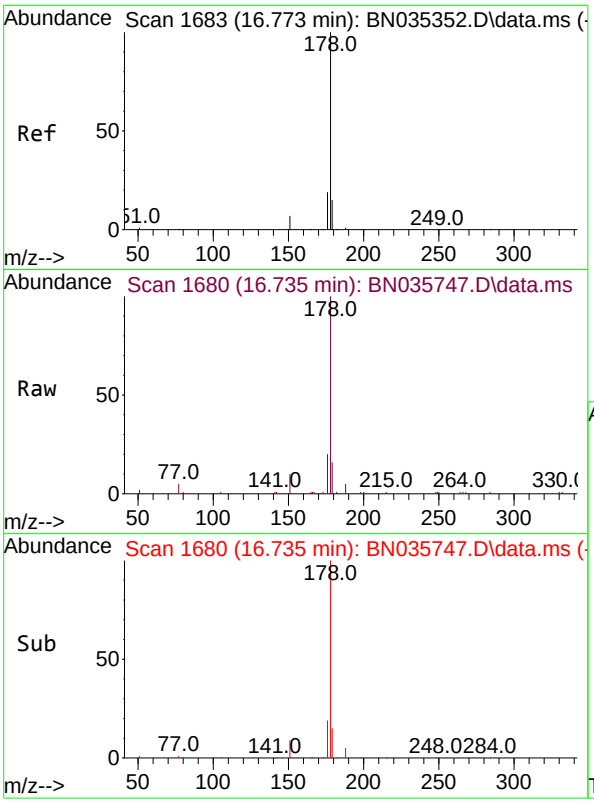


#24
Pentachlorophenol
Concen: 0.319 ng
RT: 16.376 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:266 Resp: 1329

Ion	Ratio	Lower	Upper
266	100		
264	61.8	42.3	63.5
268	64.7	43.3	64.9



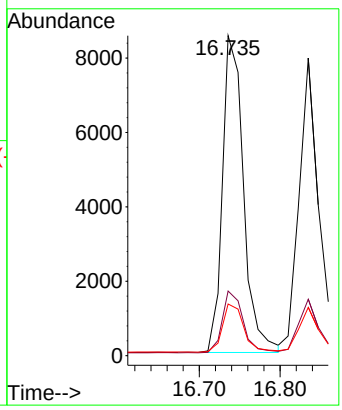


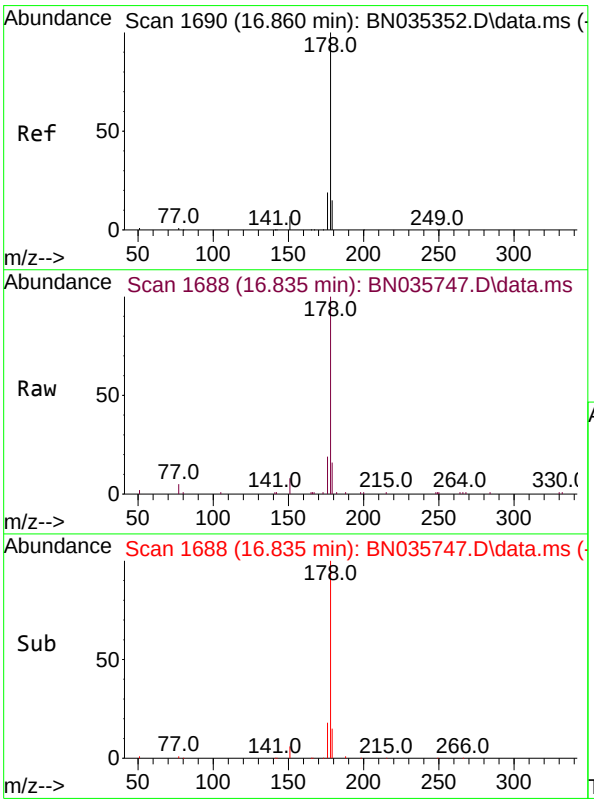
#25
Phenanthrene
Concen: 0.403 ng
RT: 16.735 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 15452

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.4	12.3	18.5

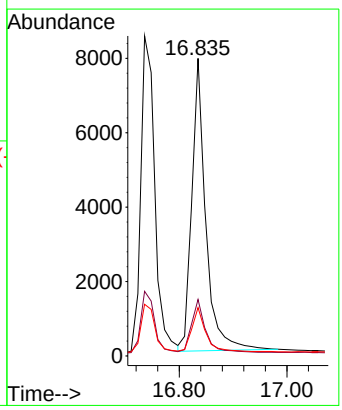


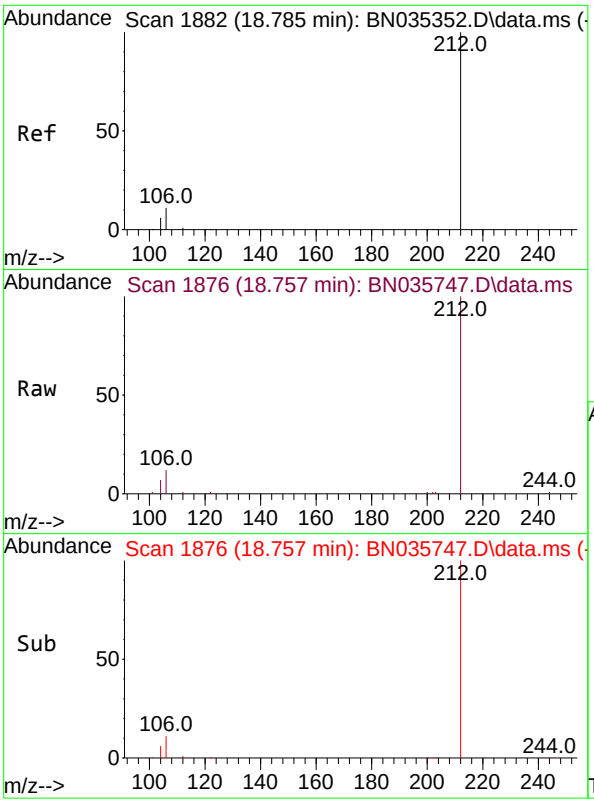


#26
Anthracene
Concen: 0.408 ng
RT: 16.835 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:178 Resp: 14156

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.5	12.6	18.8



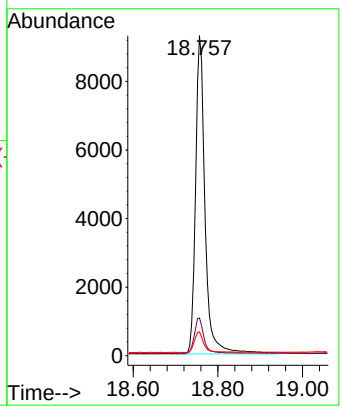


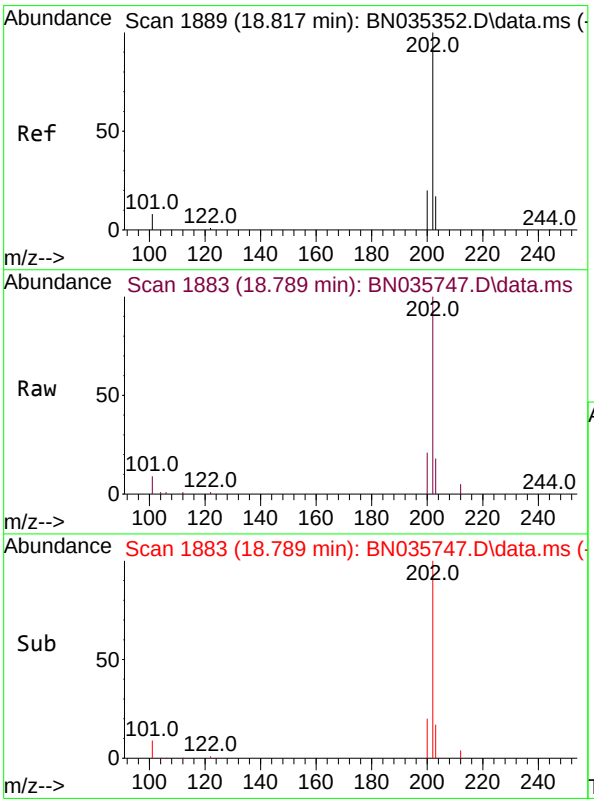
#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 18.757 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 14421

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.2	13.8
104	6.3	5.3	7.9

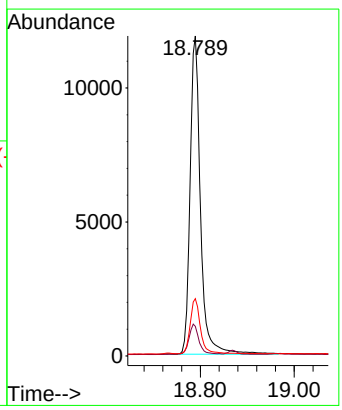


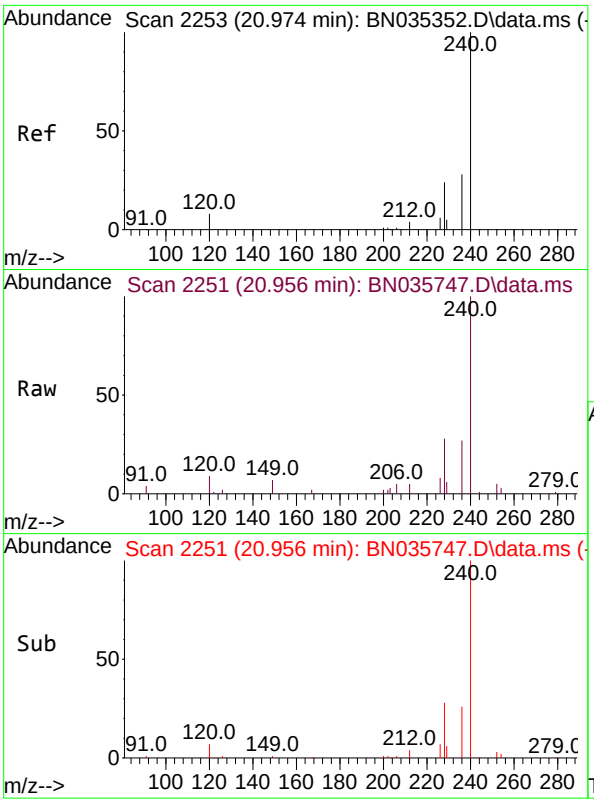


#28
Fluoranthene
Concen: 0.353 ng
RT: 18.789 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:202 Resp: 18255

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.4	11.0
203	17.0	13.7	20.5



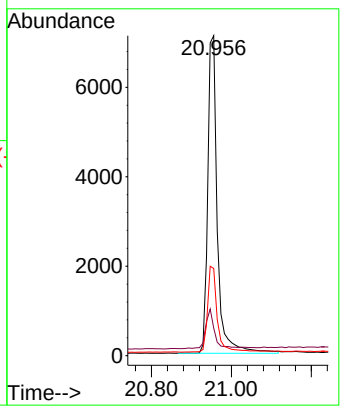


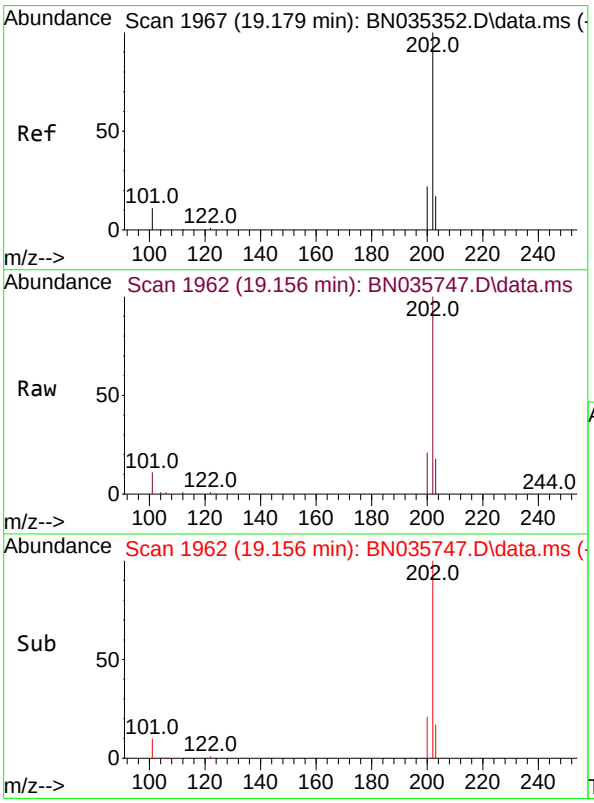
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 11878

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.9	11.9
236	27.2	22.9	34.3

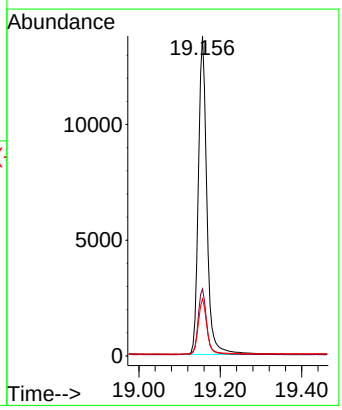


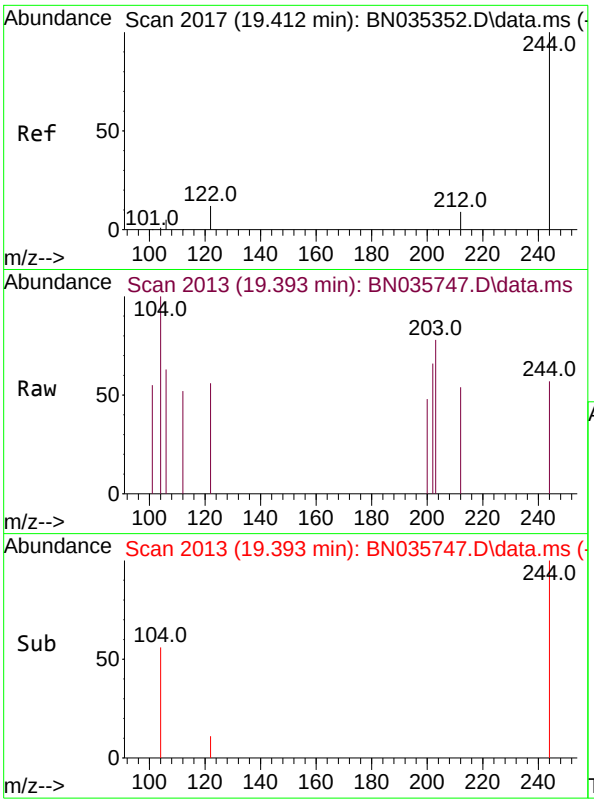


#30
Pyrene
Concen: 0.453 ng
RT: 19.156 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:202 Resp: 19874

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.9	14.3	21.5



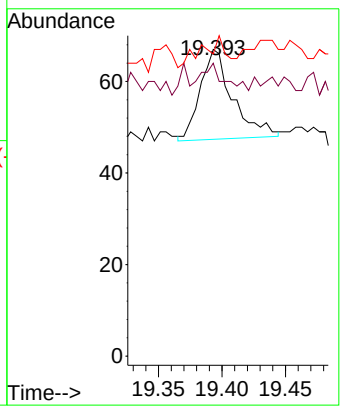


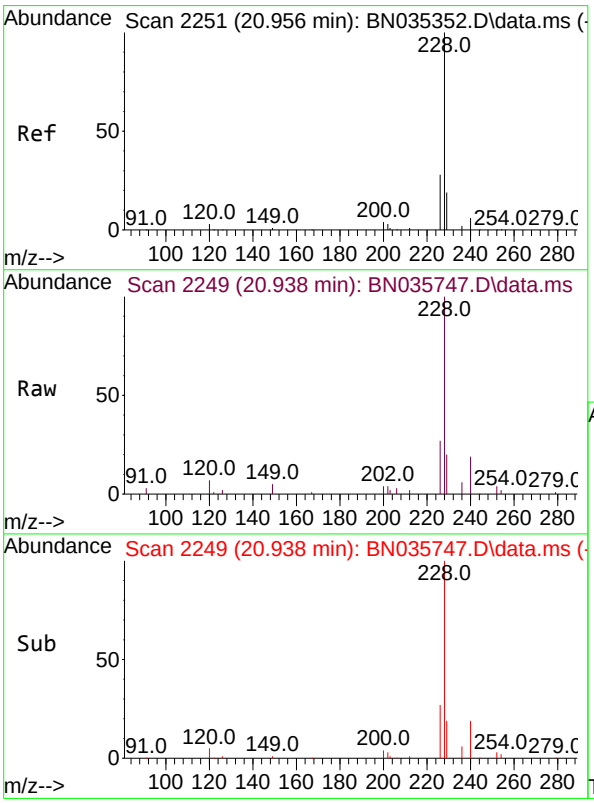
#31
Terphenyl-d14
Concen: 0.001 ng
RT: 19.393 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 35

Ion	Ratio	Lower	Upper
244	100		
212	95.5	8.1	12.1#
122	98.5	10.3	15.5#

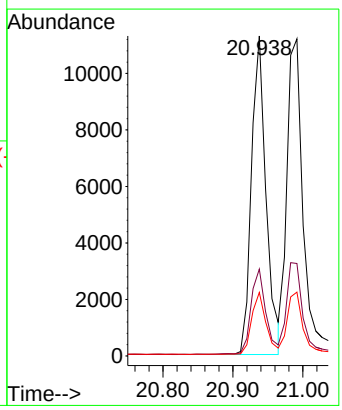


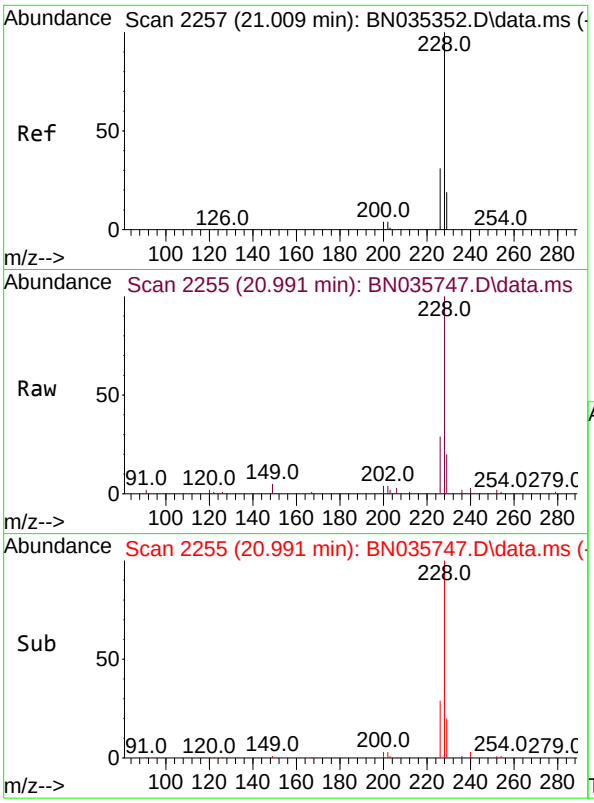


#32
Benzo(a)anthracene
Concen: 0.394 ng
RT: 20.938 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:228 Resp: 16354

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.5	33.7
229	19.9	15.8	23.8



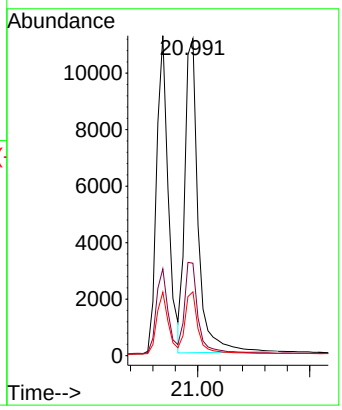


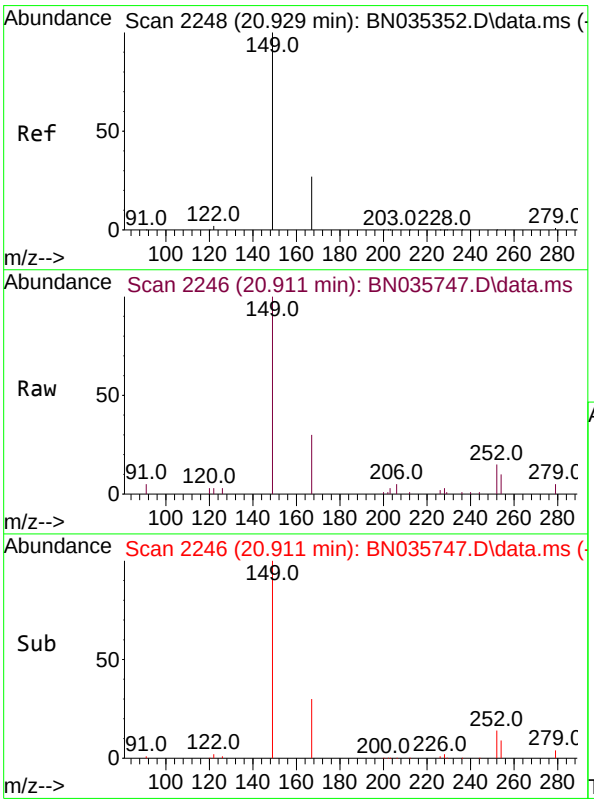
#33
Chrysene
Concen: 0.428 ng
RT: 20.991 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 18340

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.6	37.0
229	20.1	15.9	23.9

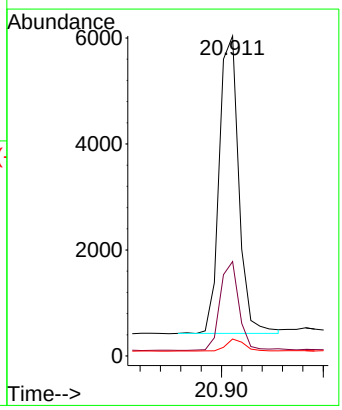


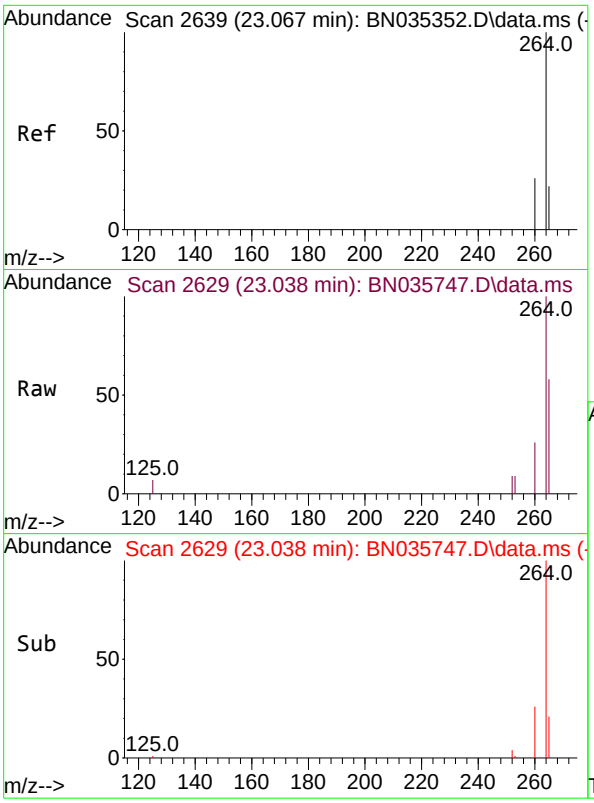


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.456 ng
RT: 20.911 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:149 Resp: 7490

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.2	33.4
279	3.7	2.7	4.1



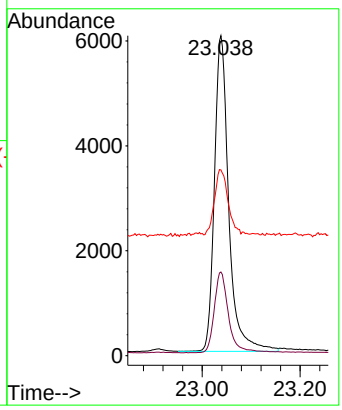


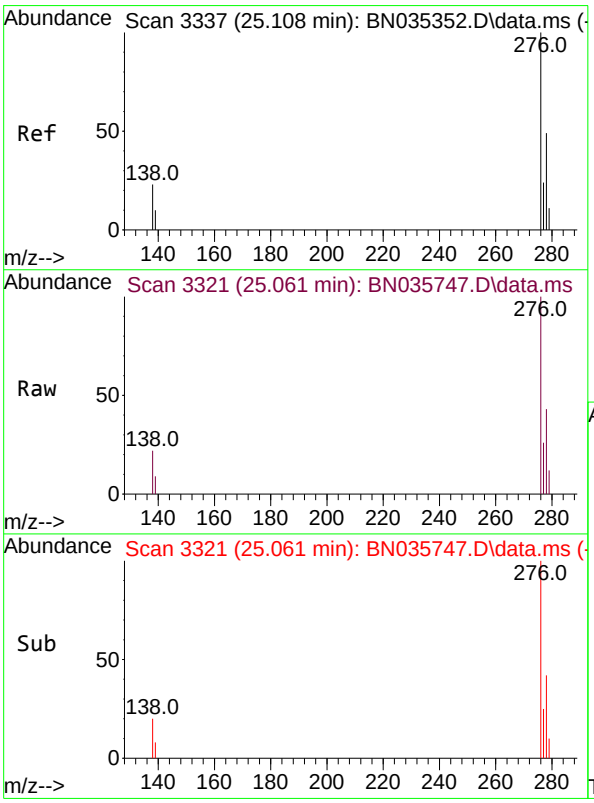
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.038 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 12200

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.4	32.2
265	58.1	40.2	60.4

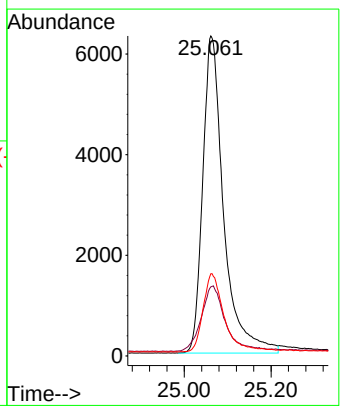


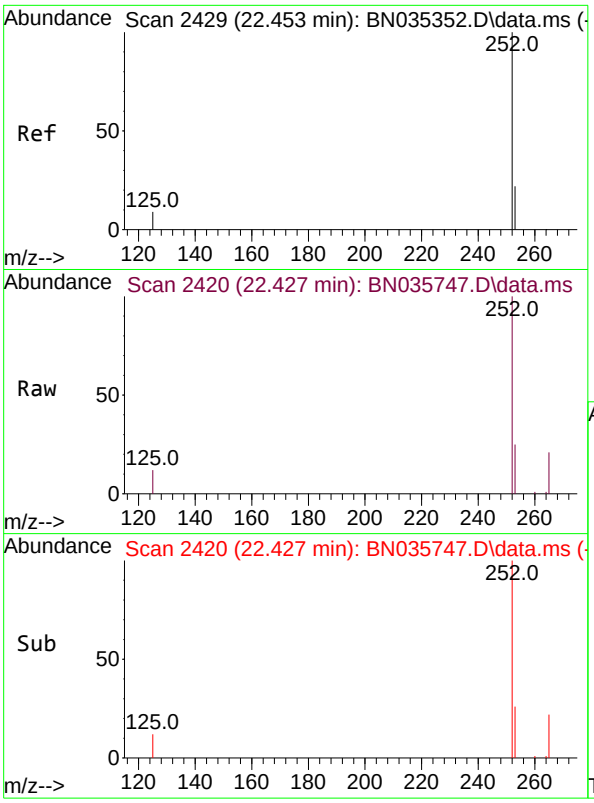


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.442 ng
RT: 25.061 min Scan# 3321
Delta R.T. -0.006 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:276 Resp: 21102

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.4	29.0
277	25.2	19.8	29.6



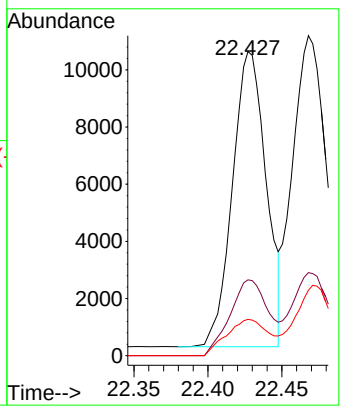


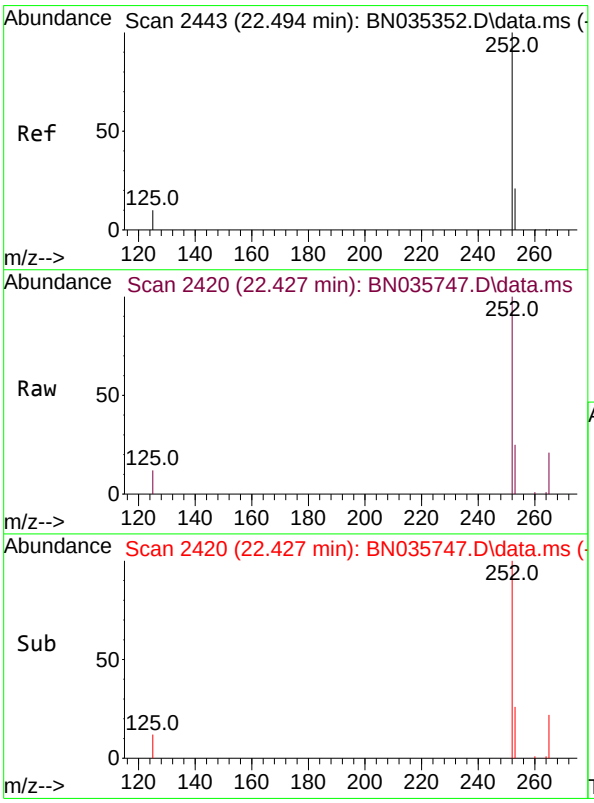
#37
Benzo(b)fluoranthene
Concen: 0.493 ng
RT: 22.427 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 21982

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.6	29.4
125	12.0	9.6	14.4

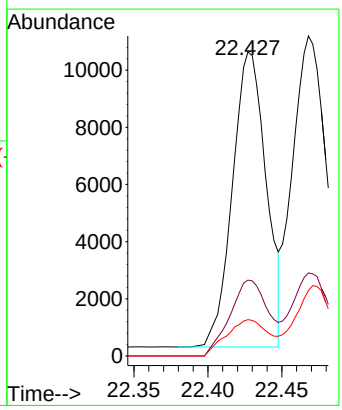


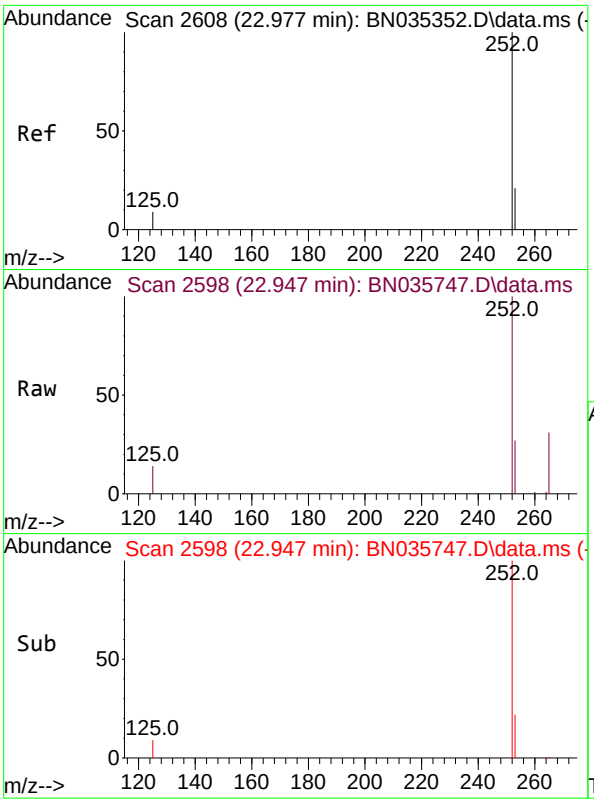


#38
Benzo(k)fluoranthene
Concen: 0.500 ng
RT: 22.427 min Scan# 2420
Delta R.T. -0.044 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:252 Resp: 21982

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.5	29.3
125	12.0	10.2	15.4



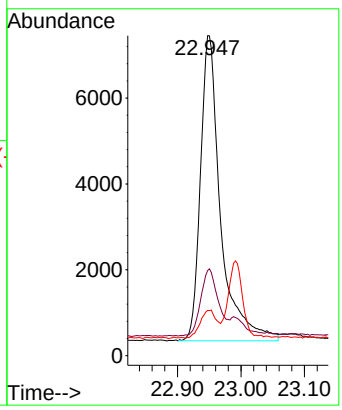


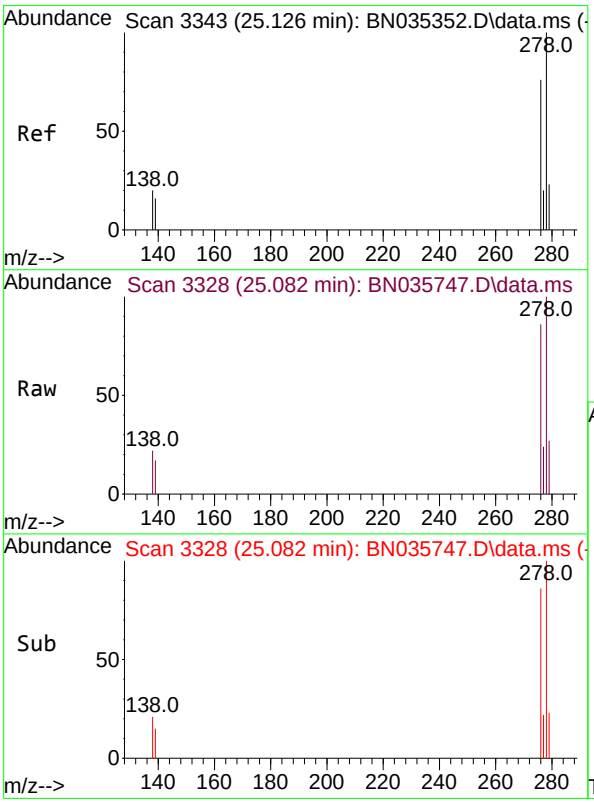
#39
Benzo(a)pyrene
Concen: 0.425 ng
RT: 22.947 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15636

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.2	30.4
125	14.2	10.9	16.3

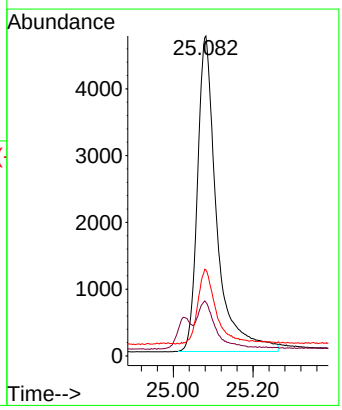


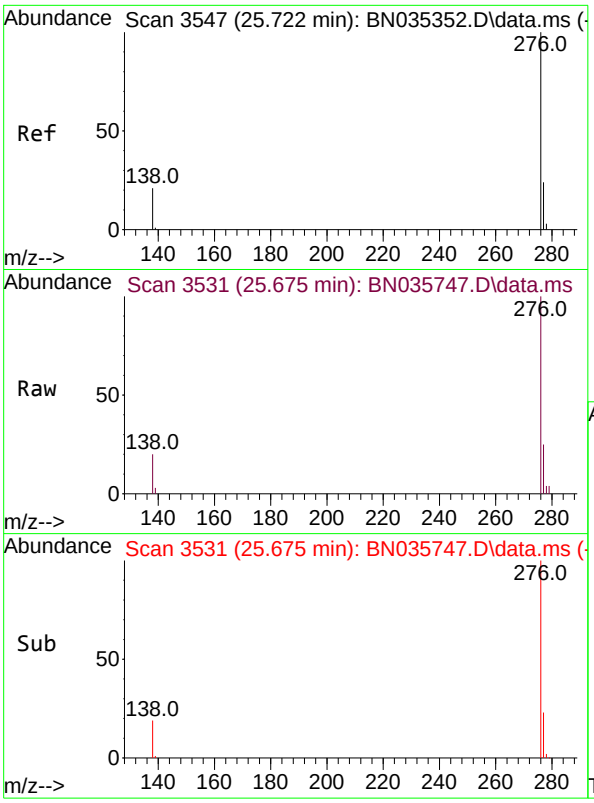


#40
Dibenzo(a,h)anthracene
Concen: 0.421 ng
RT: 25.082 min Scan# 3328
Delta R.T. -0.000 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Tgt Ion:278 Resp: 15847

Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.2	21.4
279	26.9	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.432 ng
RT: 25.675 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN035747.D
Acq: 20 Dec 2024 18:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 16995

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.9	29.9
138	20.4	17.8	26.8