Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033567.D
Acq On : 23 Aug 2024 00:28
Operator : MA/JU
Sample : P3671-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Quant Time: Aug 23 01:36:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	7027	0.400	ng	0.00
7) Naphthalene-d8	10.303	136	17952	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	8336	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	17399	0.400	ng	# 0.00
29) Chrysene-d12	21.139	240	14980	0.400	ng	# 0.00
35) Perylene-d12	23.303	264	17231	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4606	0.206	ng	0.00
5) Phenol-d6	6.729	99	5376	0.202	ng	0.00
8) Nitrobenzene-d5	8.681	82	4363	0.293	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	5407	0.211	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	882	0.197	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	7139	0.210	ng	0.00
27) Fluoranthene-d10	18.970	212	7439	0.178	ng	0.00
31) Terphenyl-d14	19.583	244	4915	0.144	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.399	42	12694	1.350	ng	# 1
9) Naphthalene	10.357	128	1549	0.032	ng	# 81
12) 2-Methylnaphthalene	11.979	142	1168	0.038	ng	# 91
16) Acenaphthylene	13.900	152	1378	0.038	ng	95
17) Acenaphthene	14.242	154	587	0.023	ng	# 91
18) Fluorene	15.236	166	1963	0.061	ng	# 40
25) Phenanthrene	16.966	178	16815	0.347	ng	98
26) Anthracene	17.066	178	2508	0.059	ng	# 87
28) Fluoranthene	19.003	202	40078	0.749	ng	100
30) Pyrene	19.365	202	35327	0.528	ng	# 95
32) Benzo(a)anthracene	21.121	228	16542	0.305	ng	95
33) Chrysene	21.175	228	22138	0.411	ng	97
34) Bis(2-ethylhexyl)phtha...	21.085	149	10503	0.306	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.449	276	16797	0.235	ng	97
37) Benzo(b)fluoranthene	22.662	252	32758	0.509	ng	95
38) Benzo(k)fluoranthene	22.662	252	32758	0.517	ng	97
39) Benzo(a)pyrene	23.206	252	20599	0.387	ng	96
40) Dibenzo(a,h)anthracene	25.460	278	3867	0.068	ng	# 56
41) Benzo(g,h,i)perylene	26.104	276	17089	0.279	ng	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
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Instrument :
BNA_N
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S-911-K1-SO-0-0.5-081924

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
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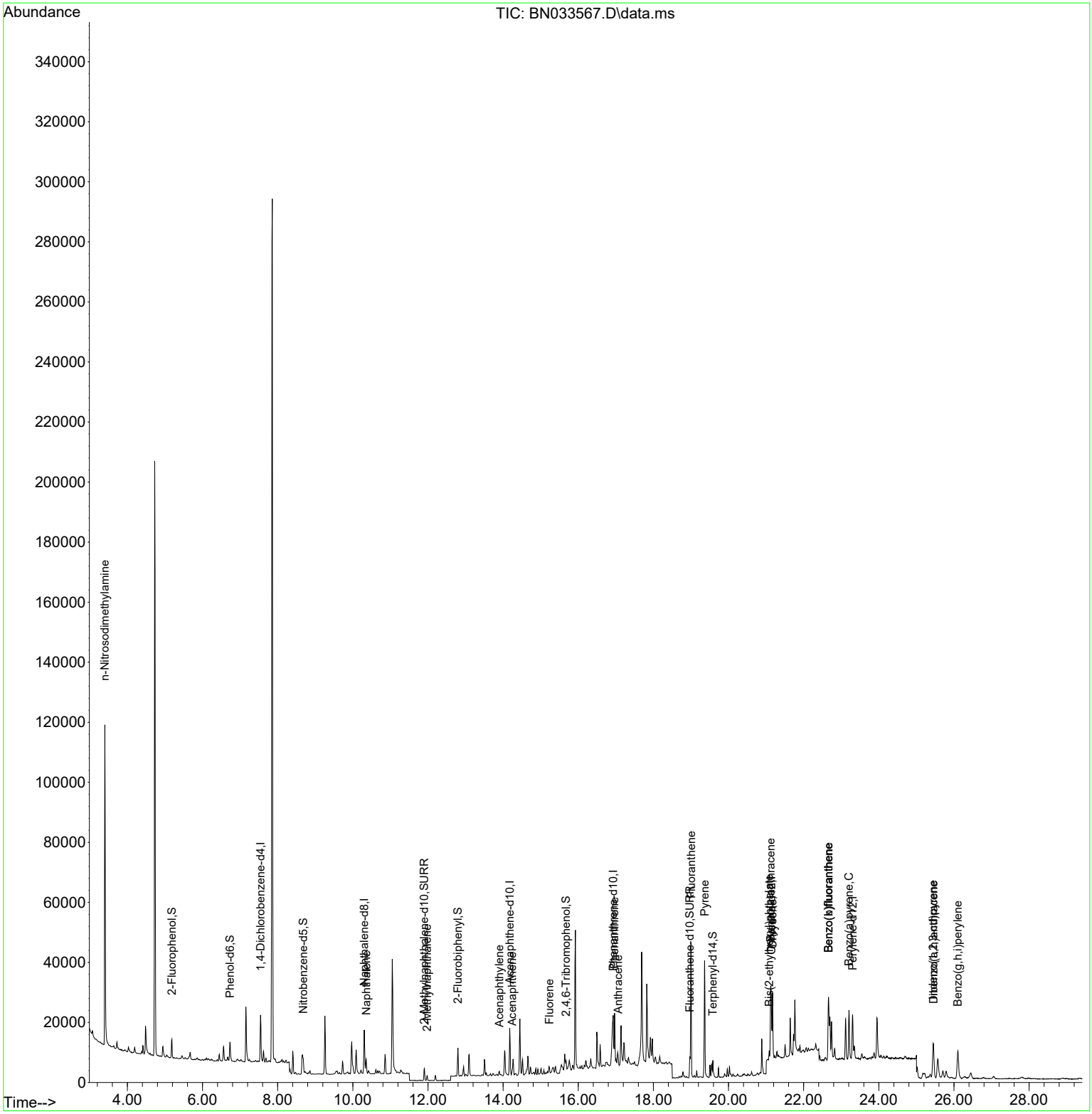
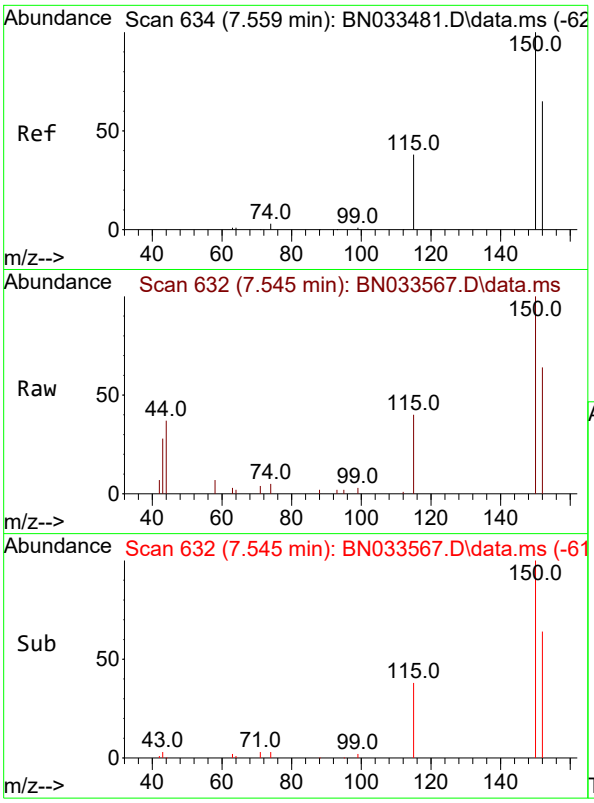


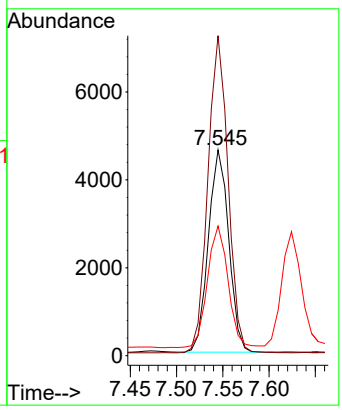


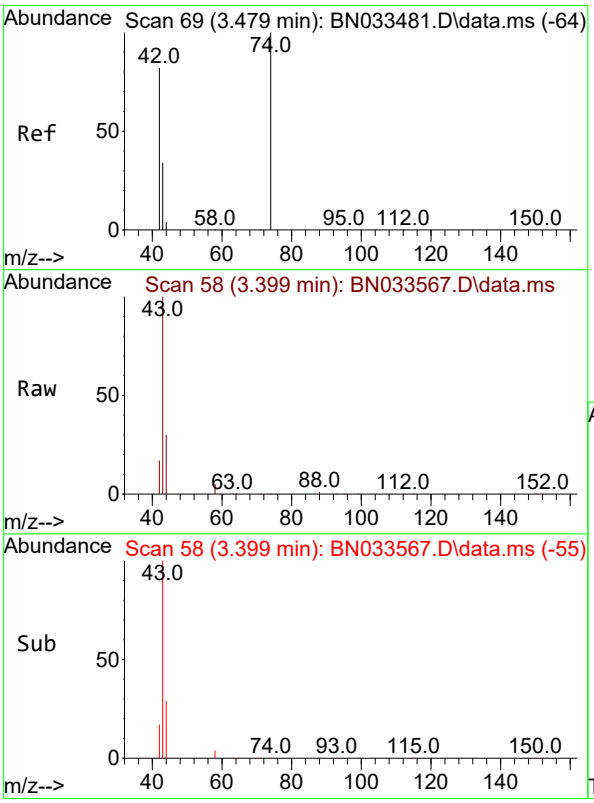
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:152 Resp: 7027

Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.2	183.2
115	63.0	47.2	70.8

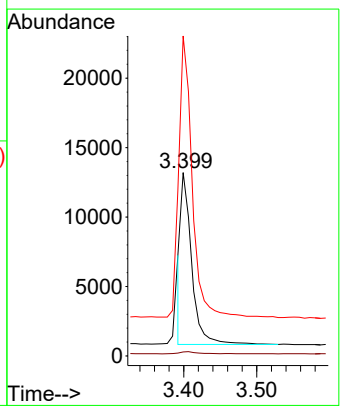


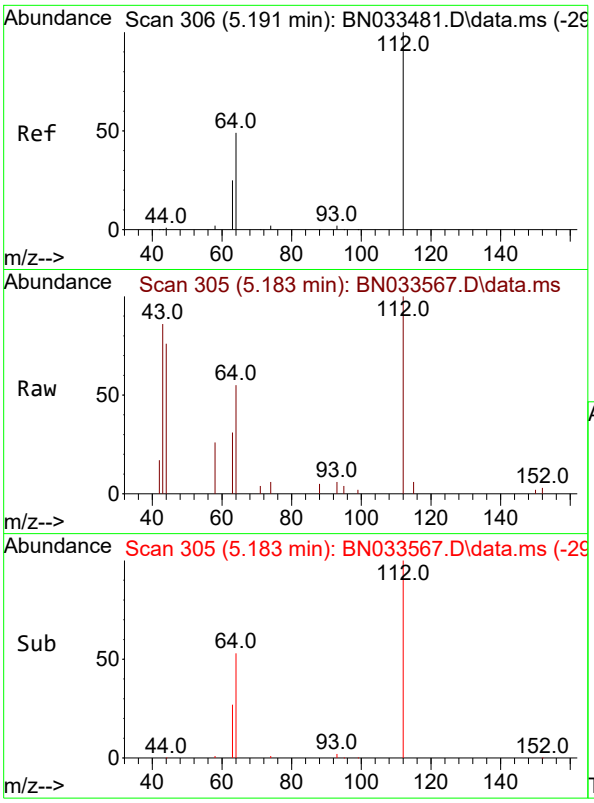


#3
n-Nitrosodimethylamine
Concen: 1.350 ng
RT: 3.399 min Scan# 58
Delta R.T. -0.080 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion: 42 Resp: 12694

Ion	Ratio	Lower	Upper
42	100		
74	1.8	100.2	150.2#
44	171.8	5.3	7.9#



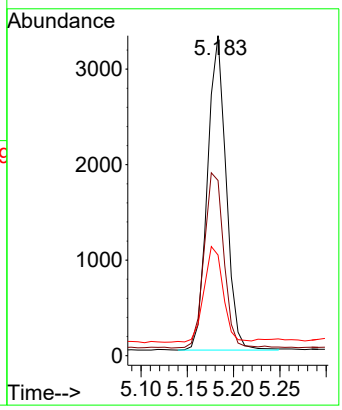


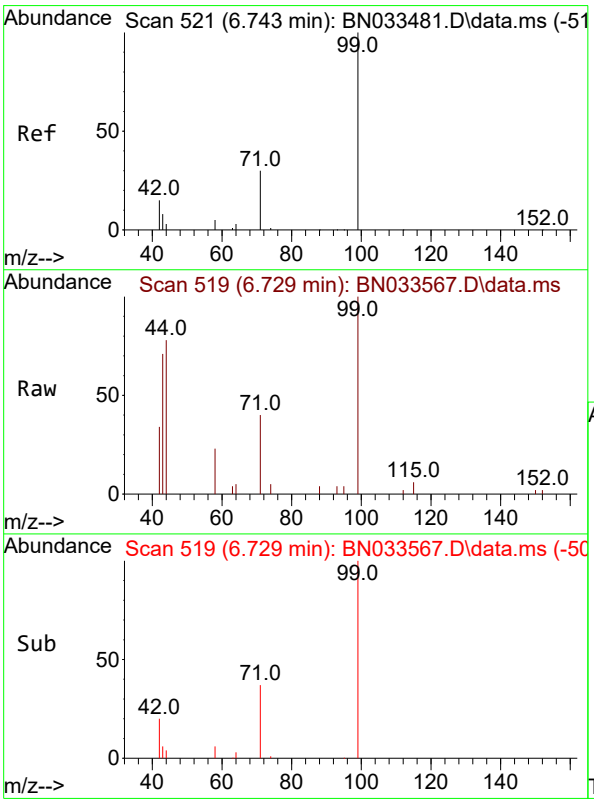
#4
2-Fluorophenol
Concen: 0.206 ng
RT: 5.183 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:112 Resp: 4606

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.1	70.7
63	31.3	24.9	37.3

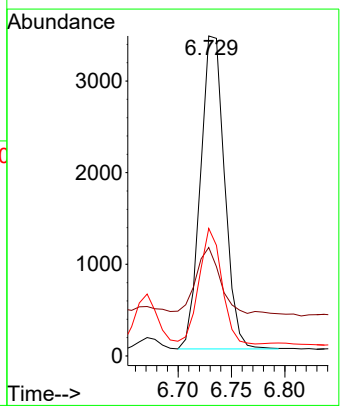


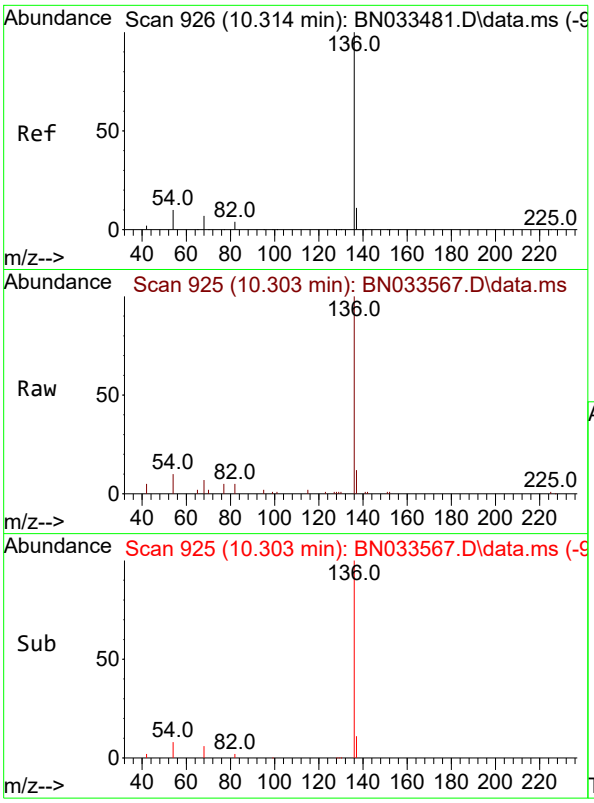


#5
Phenol-d6
Concen: 0.202 ng
RT: 6.729 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion: 99 Resp: 5376

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.6	24.8
71	35.0	26.2	39.4



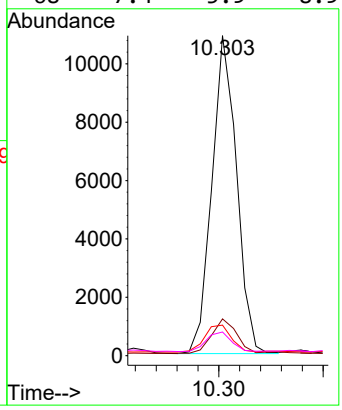


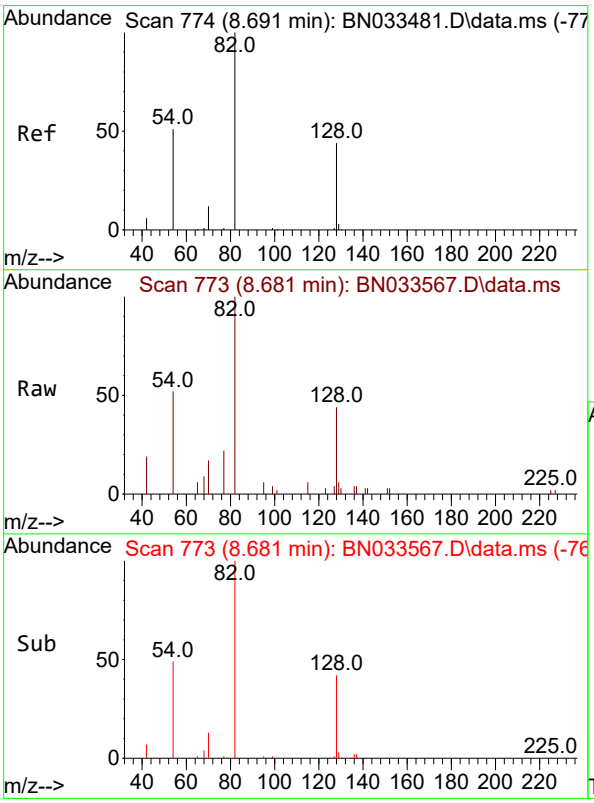
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.303 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:136 Resp: 17952

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.5	8.3	12.5
68	7.4	5.9	8.9

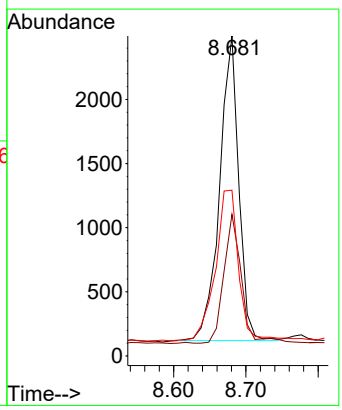


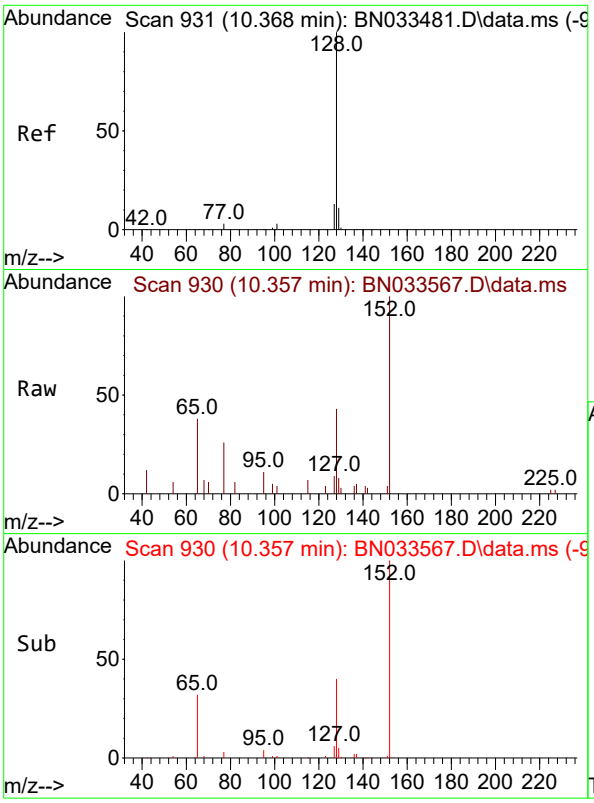


#8
Nitrobenzene-d5
Concen: 0.293 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion: 82 Resp: 4363

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.0	54.0
54	51.8	42.0	63.0



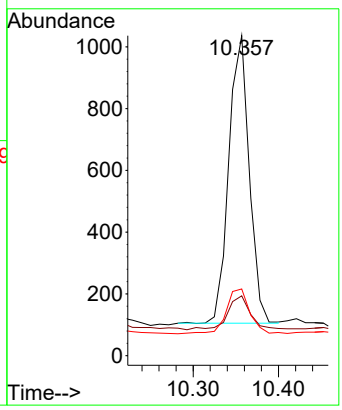


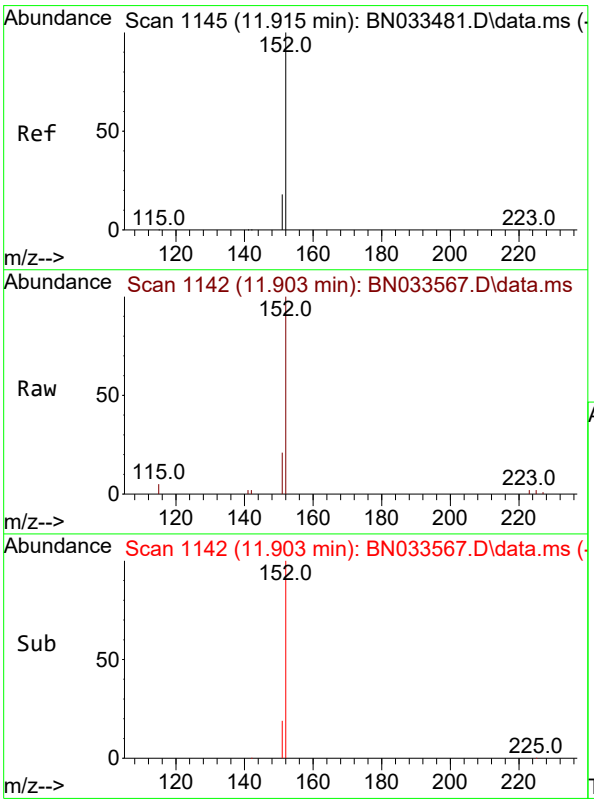
#9
Naphthalene
Concen: 0.032 ng
RT: 10.357 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:128 Resp: 1549

Ion	Ratio	Lower	Upper
128	100		
129	18.7	9.1	13.7#
127	20.8	10.7	16.1#

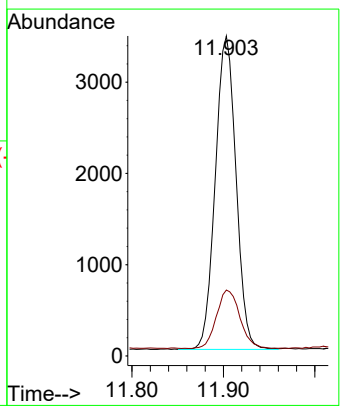


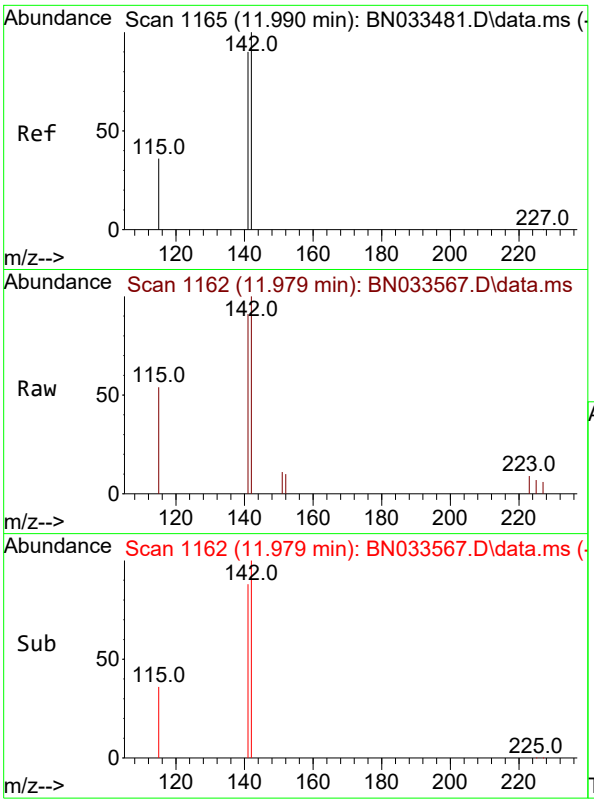


#11
2-Methylnaphthalene-d10
Concen: 0.211 ng
RT: 11.903 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion:152 Resp: 5407

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	25.0



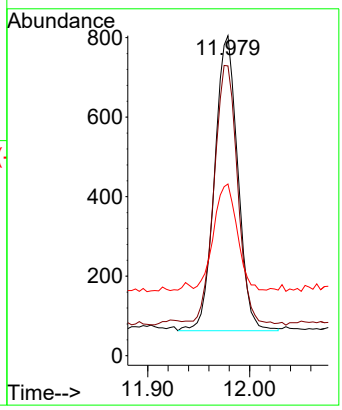


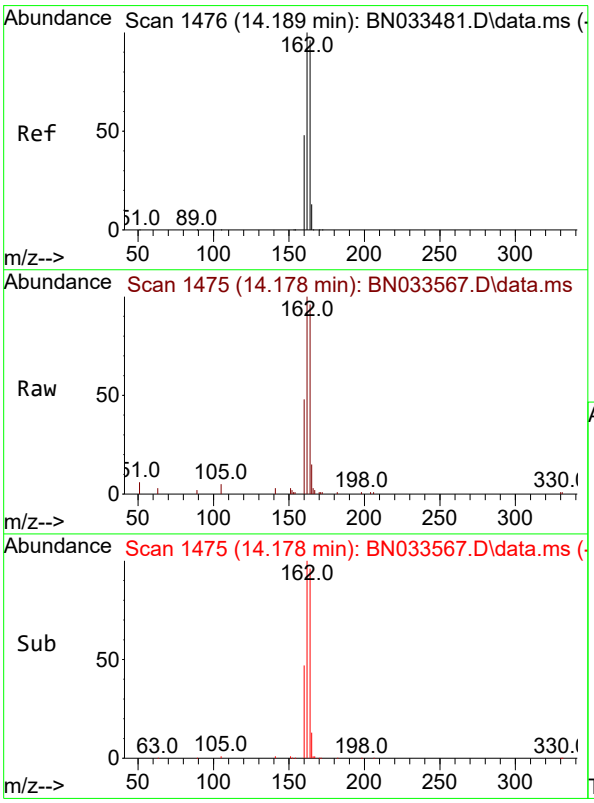
#12
2-Methylnaphthalene
Concen: 0.038 ng
RT: 11.979 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:142 Resp: 1168

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.7	107.5
115	53.7	29.4	44.2#

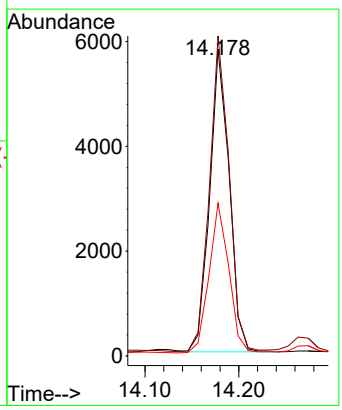


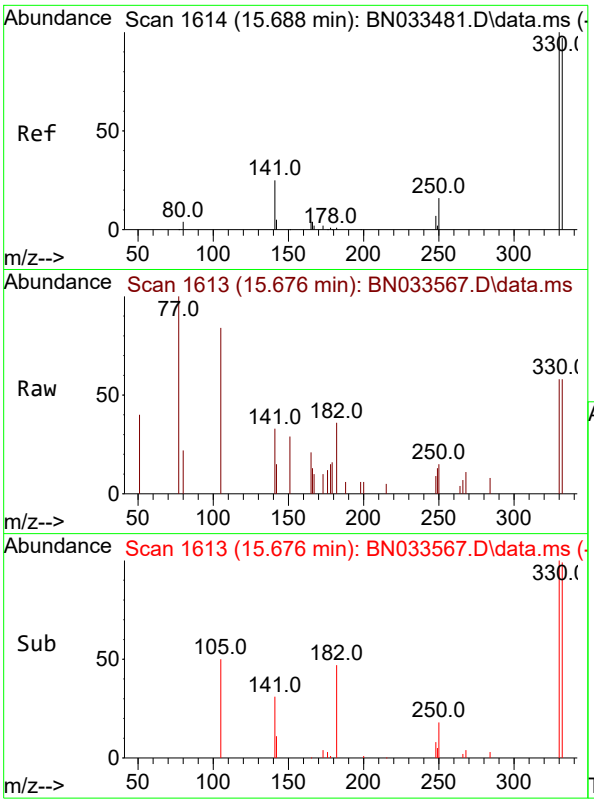


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion:164 Resp: 8336

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.5	125.3
160	49.8	40.2	60.4



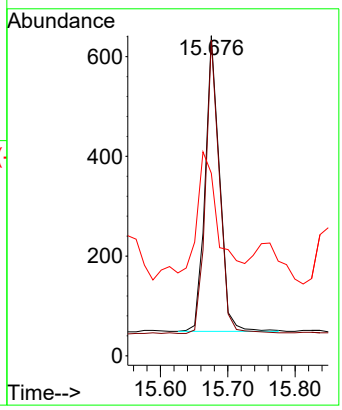


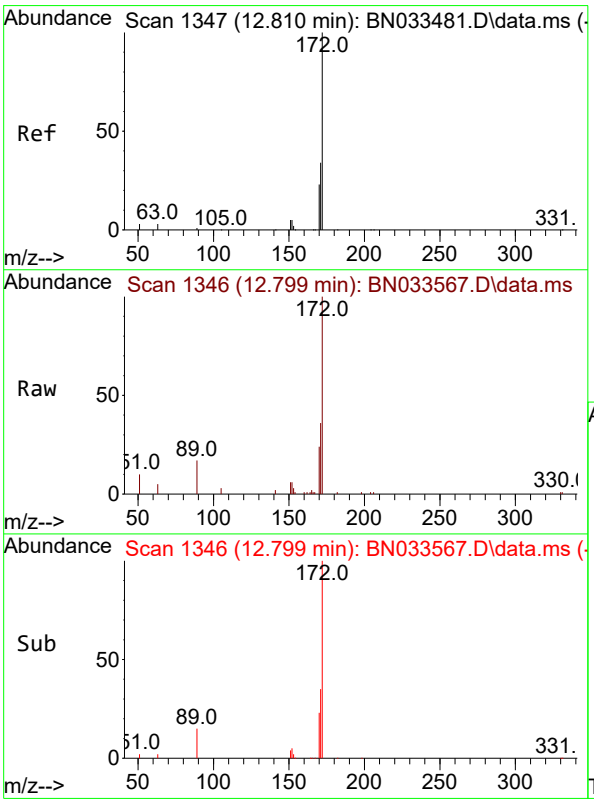
#14
2,4,6-Tribromophenol
Concen: 0.197 ng
RT: 15.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:330 Resp: 882

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.5	116.3
141	51.5	33.9	50.9#

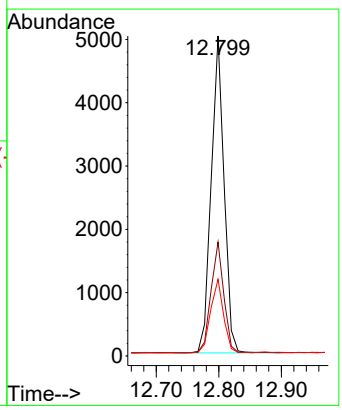


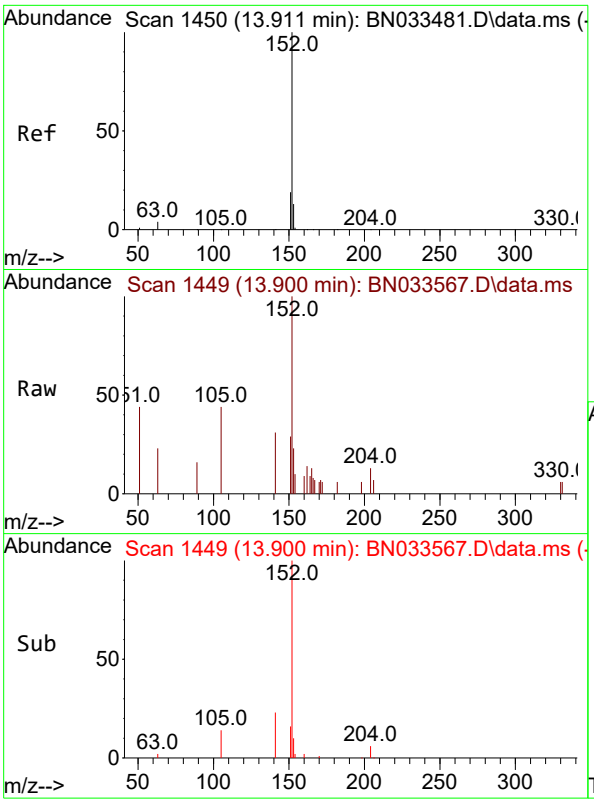


#15
2-Fluorobiphenyl
Concen: 0.210 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion:172 Resp: 7139

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.7	41.5
170	24.0	18.3	27.5



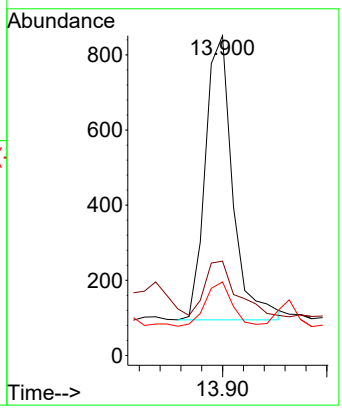


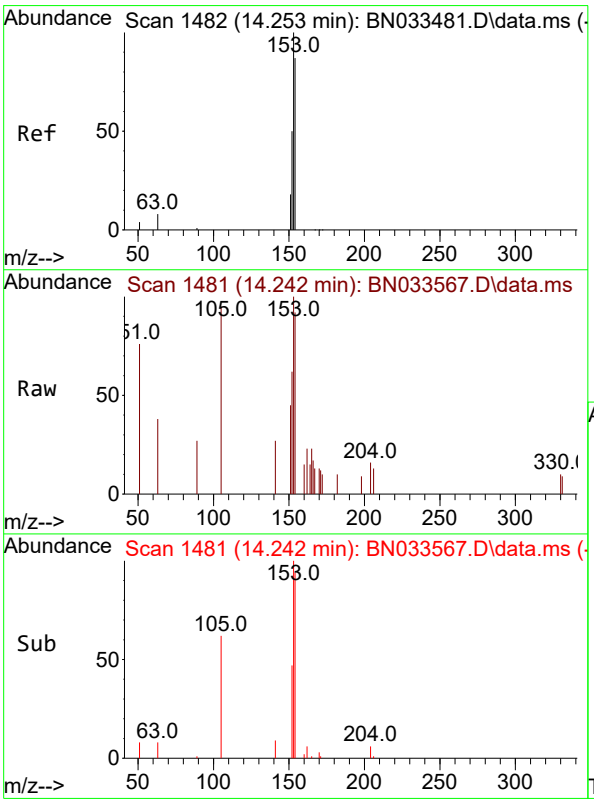
#16
Acenaphthylene
Concen: 0.038 ng
RT: 13.900 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:152 Resp: 1378

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.7	23.5
153	15.2	10.3	15.5

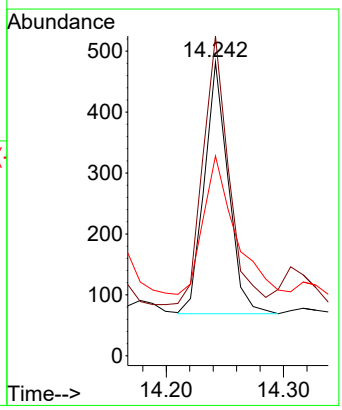


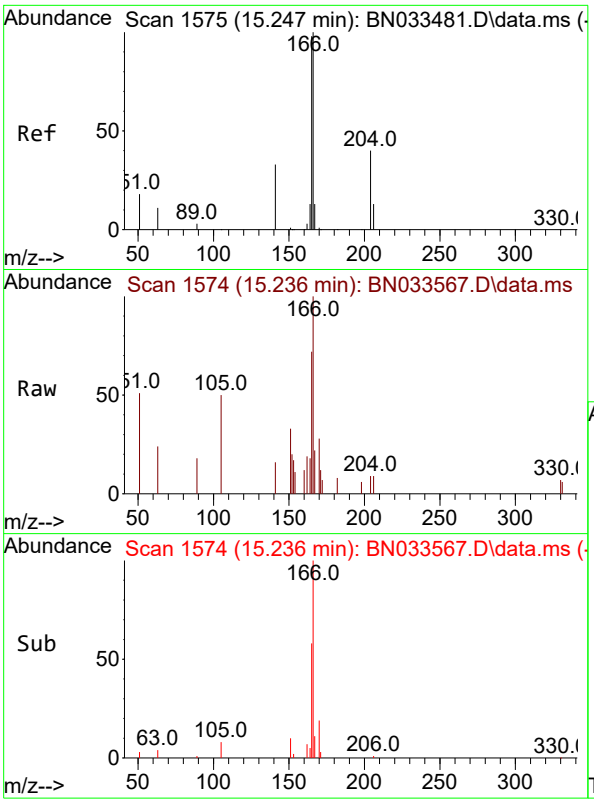


#17
Acenaphthene
Concen: 0.023 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion:154 Resp: 587

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.0	133.6
152	72.4	45.2	67.8#



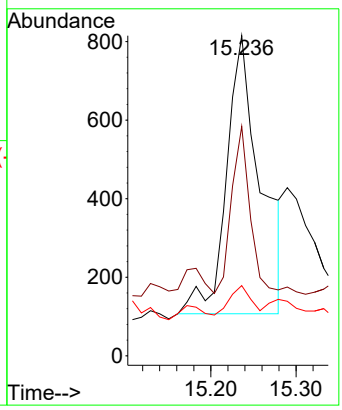


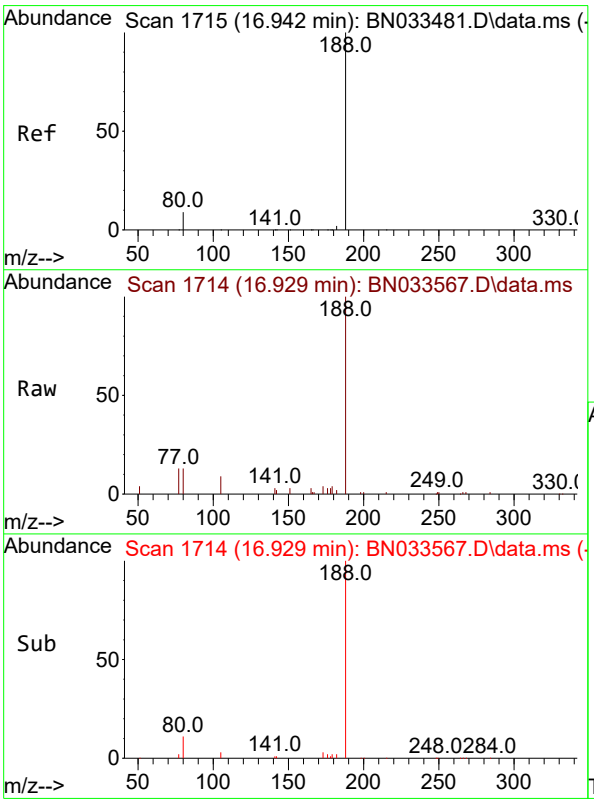
#18
Fluorene
Concen: 0.061 ng
RT: 15.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:166 Resp: 1963

Ion	Ratio	Lower	Upper
166	100		
165	32.3	78.2	117.4#
167	6.4	10.6	16.0#

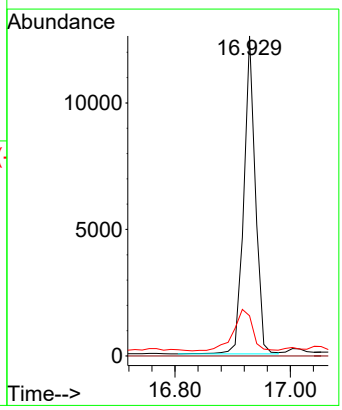


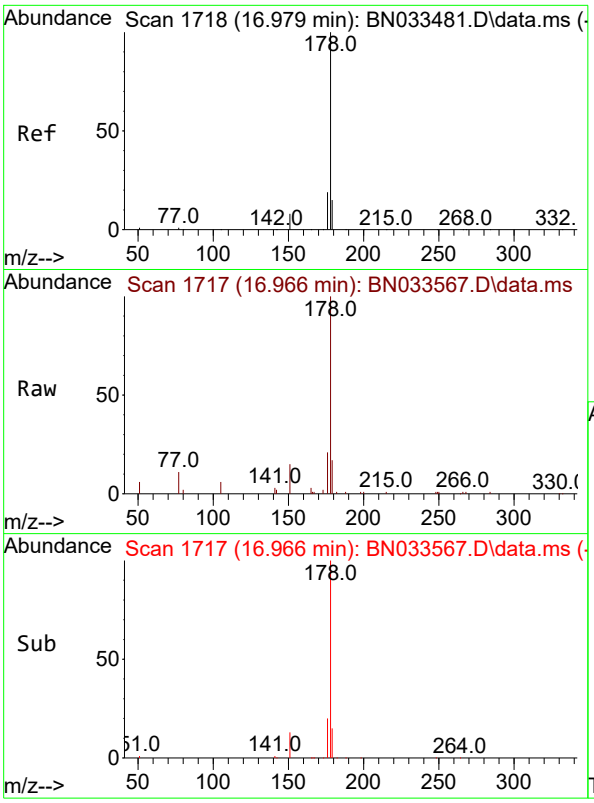


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion:188 Resp: 17399

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	7.8	11.8#



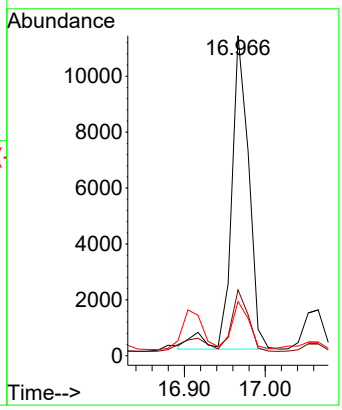


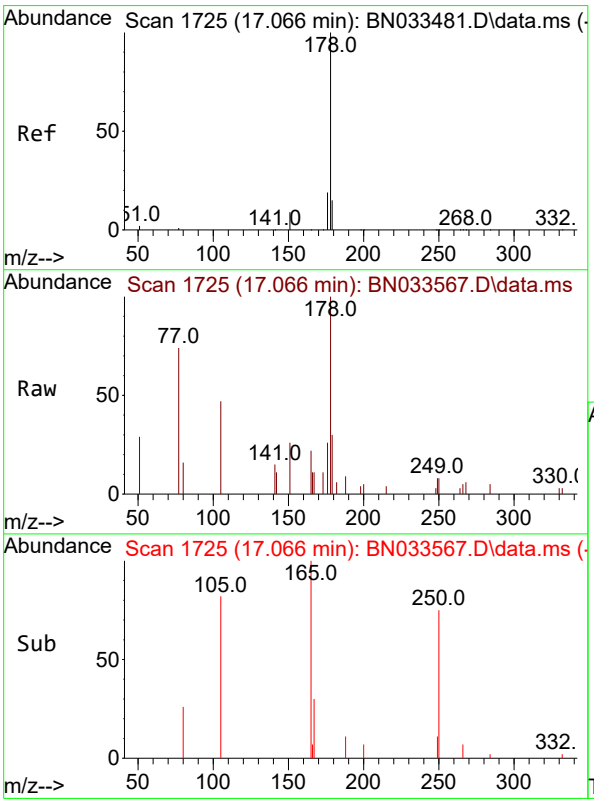
#25
Phenanthrene
Concen: 0.347 ng
RT: 16.966 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:178 Resp: 16815

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	14.3	12.3	18.5

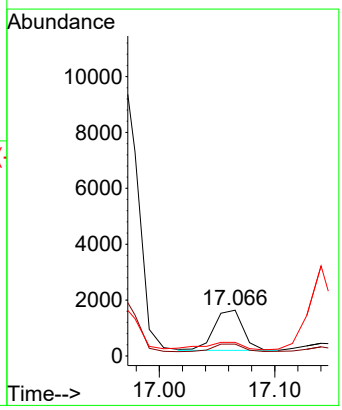


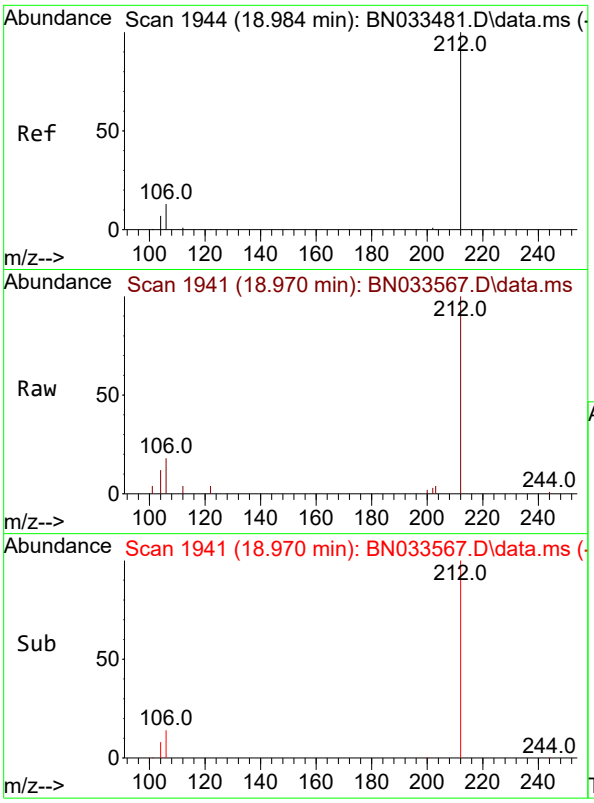


#26
Anthracene
Concen: 0.059 ng
RT: 17.066 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion:178 Resp: 2508

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.0	22.6
179	26.8	12.4	18.6#



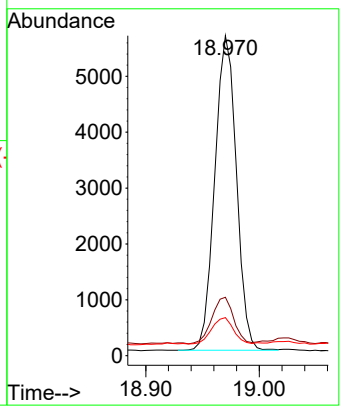


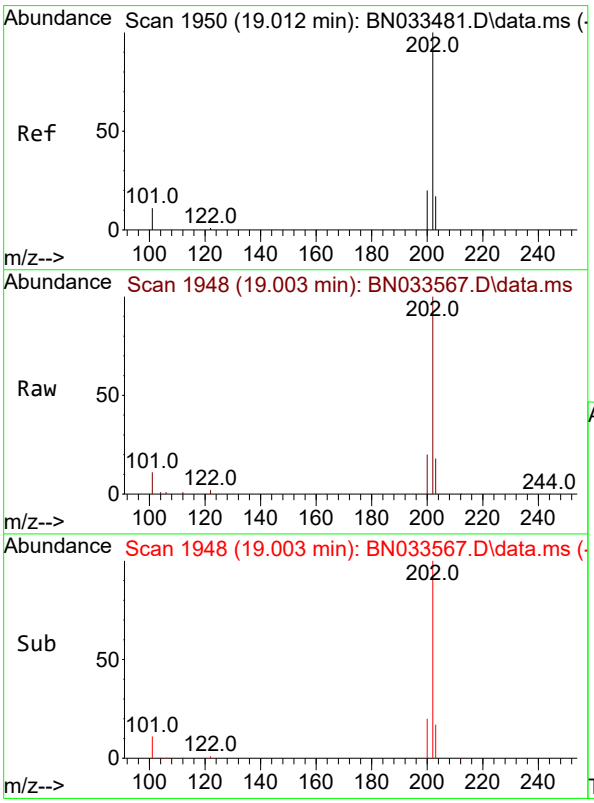
#27
Fluoranthene-d10
Concen: 0.178 ng
RT: 18.970 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:212 Resp: 7439

Ion	Ratio	Lower	Upper
212	100		
106	14.9	12.3	18.5
104	8.8	7.0	10.4

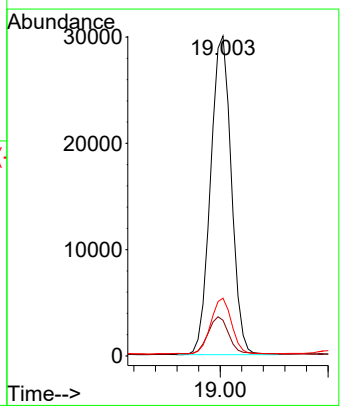


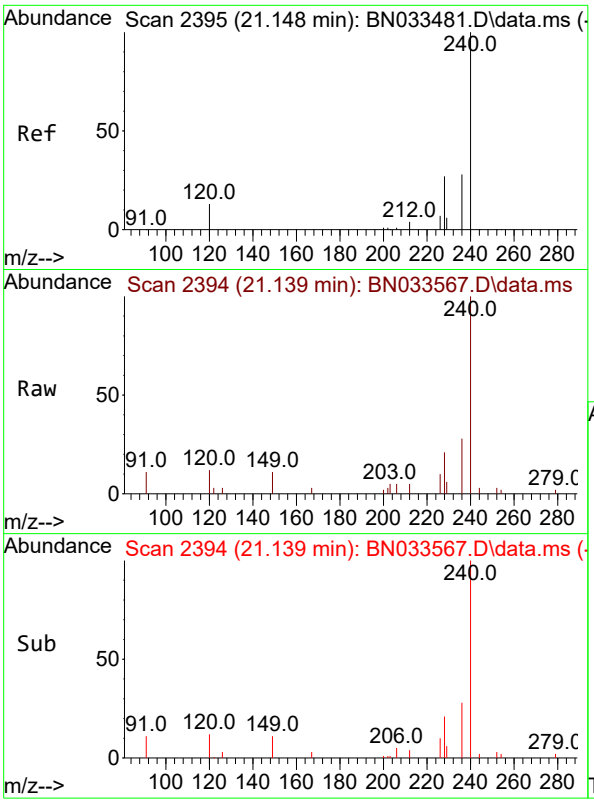


#28
Fluoranthene
Concen: 0.749 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion:202 Resp: 40078

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.5	14.3
203	17.3	13.8	20.6



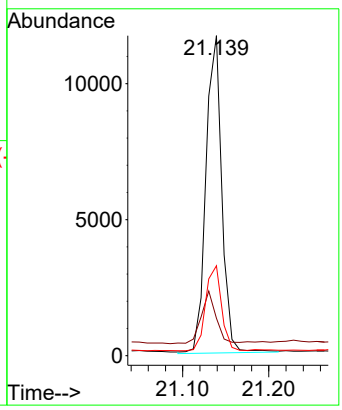


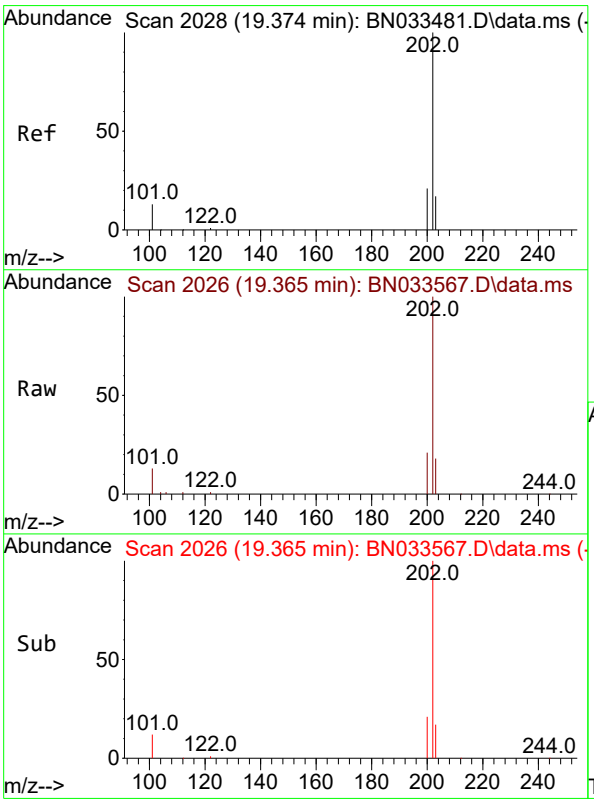
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:240 Resp: 14980

Ion	Ratio	Lower	Upper
240	100		
120	11.7	12.4	18.6#
236	28.1	23.0	34.6

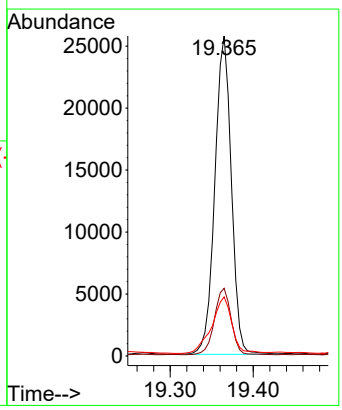


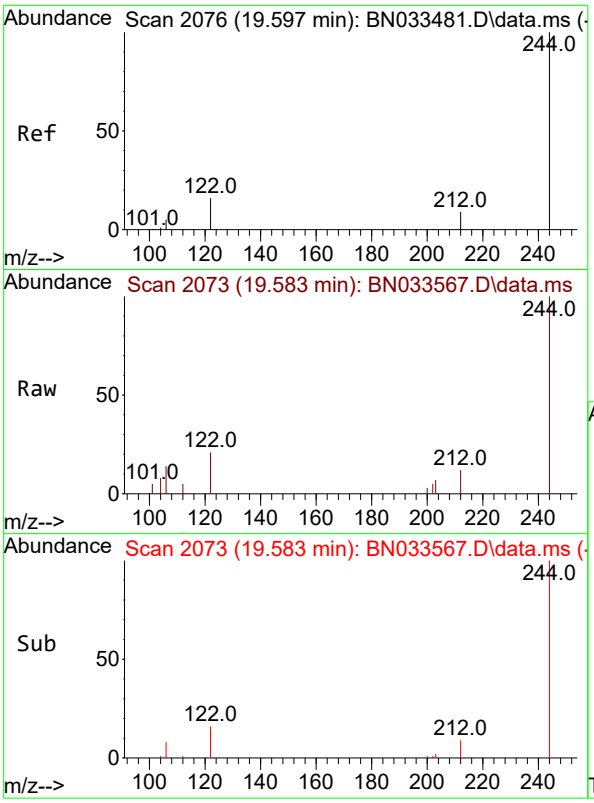


#30
Pyrene
Concen: 0.528 ng
RT: 19.365 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion:202 Resp: 35327

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	21.8	14.2	21.4#



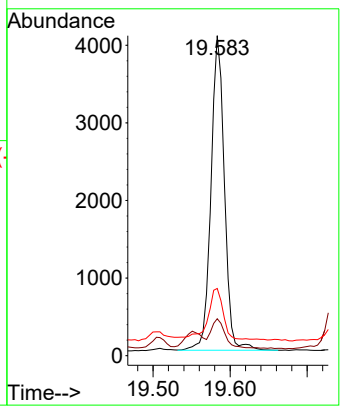


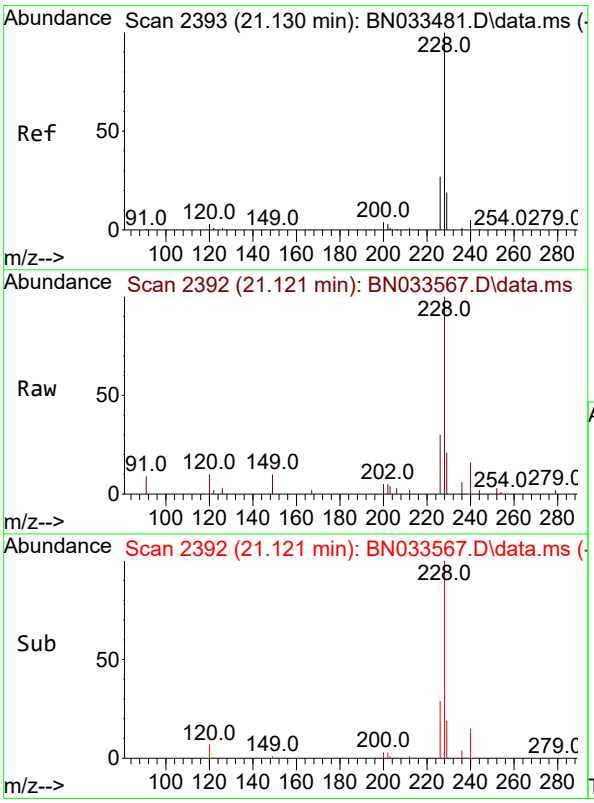
#31
Terphenyl-d14
Concen: 0.144 ng
RT: 19.583 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:244 Resp: 4915

Ion	Ratio	Lower	Upper
244	100		
212	11.5	7.8	11.6
122	21.0	13.3	19.9#

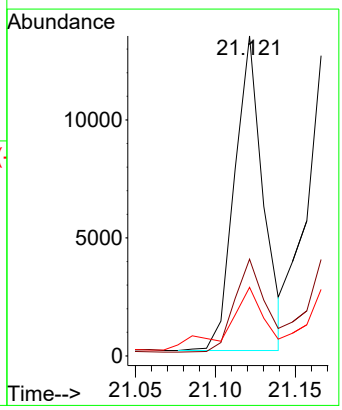


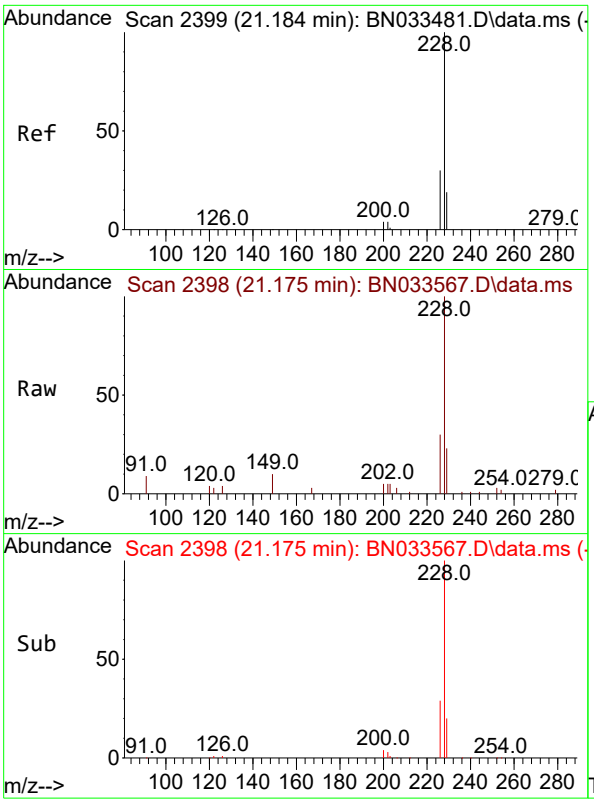


#32
Benzo(a)anthracene
Concen: 0.305 ng
RT: 21.121 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion:228 Resp: 16542

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.8	32.6
229	21.5	15.8	23.6



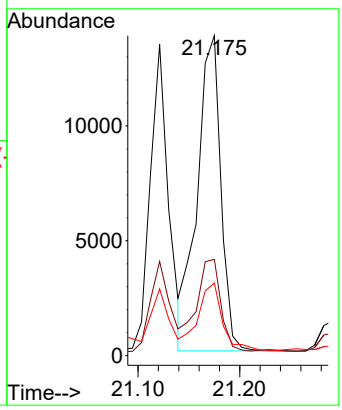


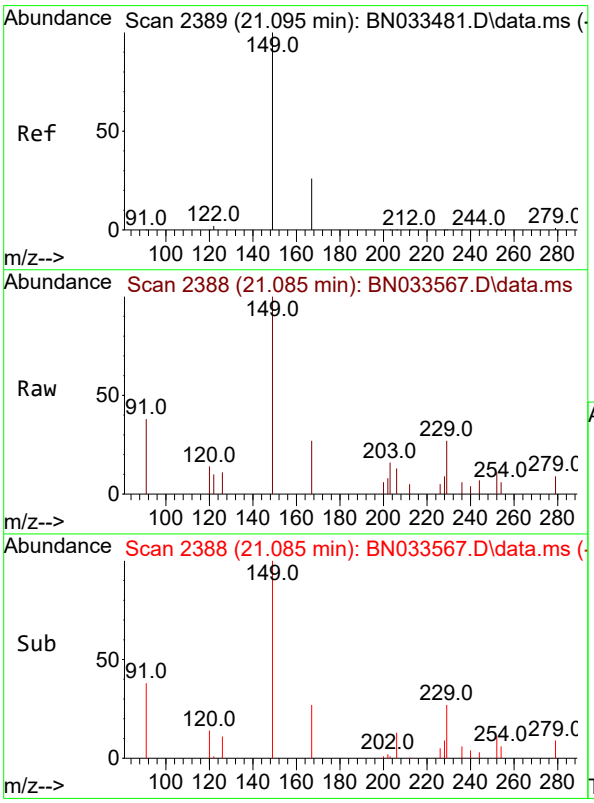
#33
Chrysene
Concen: 0.411 ng
RT: 21.175 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:228 Resp: 22138

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	22.7	15.6	23.4

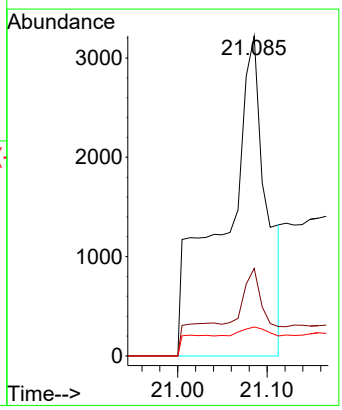


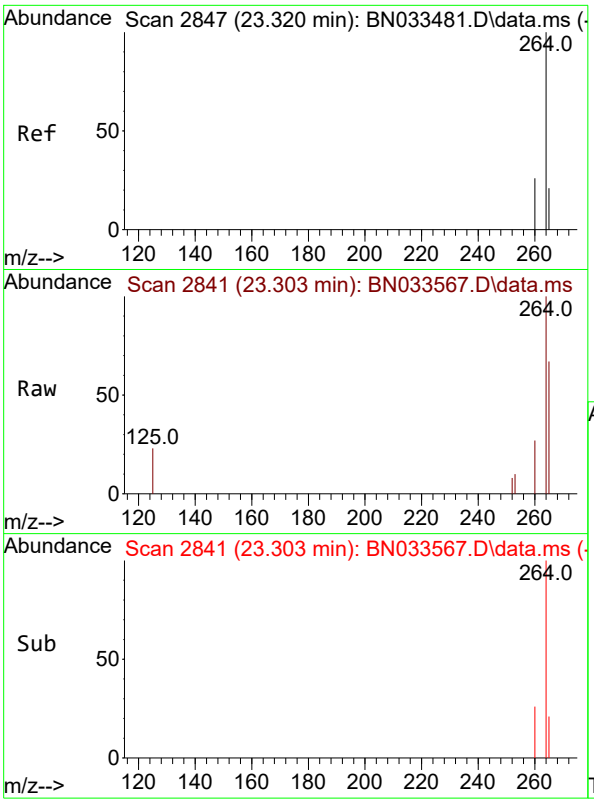


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.306 ng
RT: 21.085 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion:149 Resp: 10503

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.5	32.3
279	3.8	2.2	3.2#



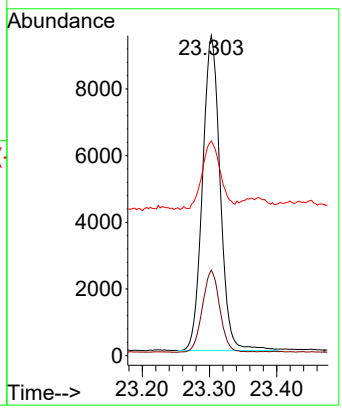


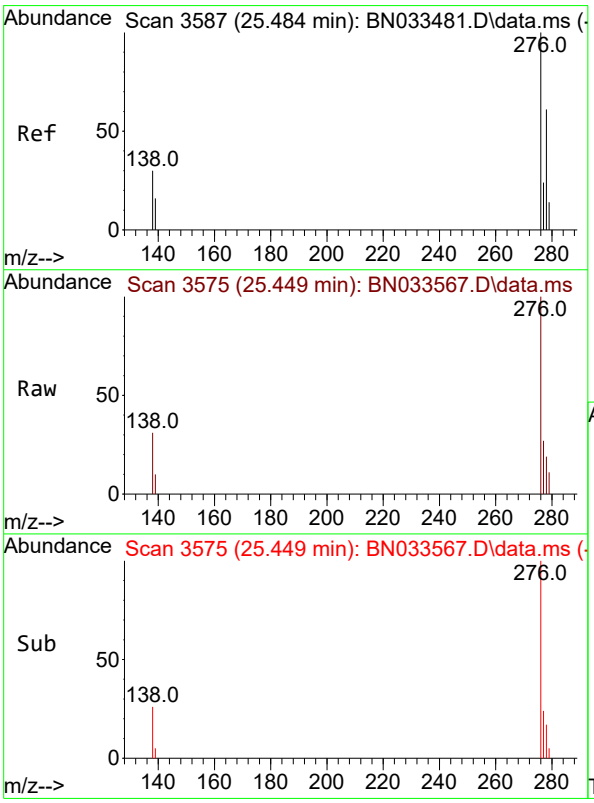
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.303 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:264 Resp: 17231

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.8	31.2
265	67.1	52.2	78.2

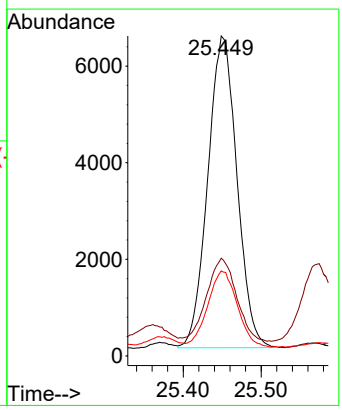


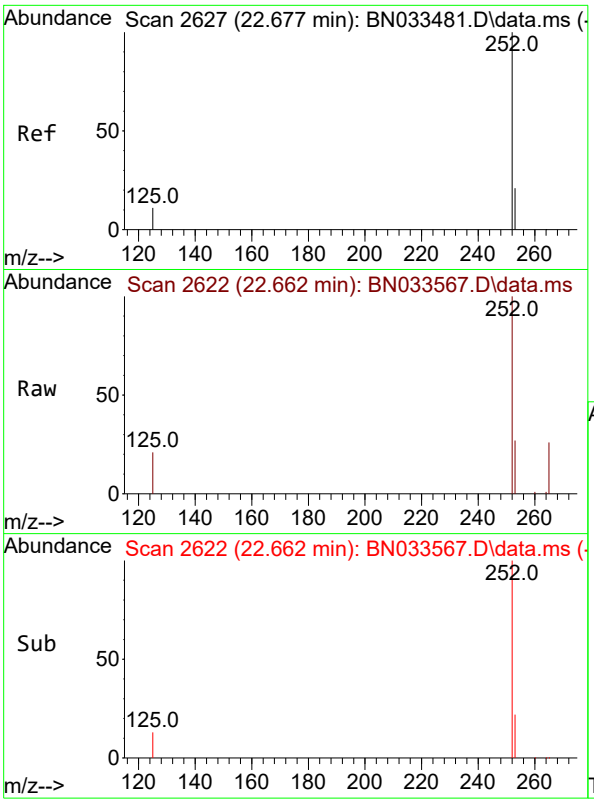


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.235 ng
RT: 25.449 min Scan# 3575
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion:276 Resp: 16797

Ion	Ratio	Lower	Upper
276	100		
138	27.1	24.4	36.6
277	24.7	19.8	29.6



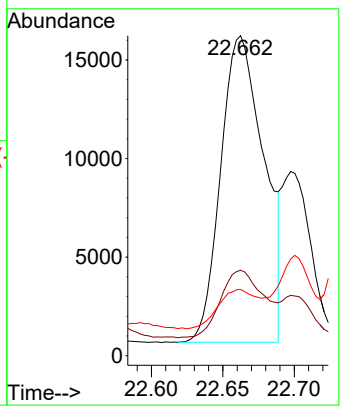


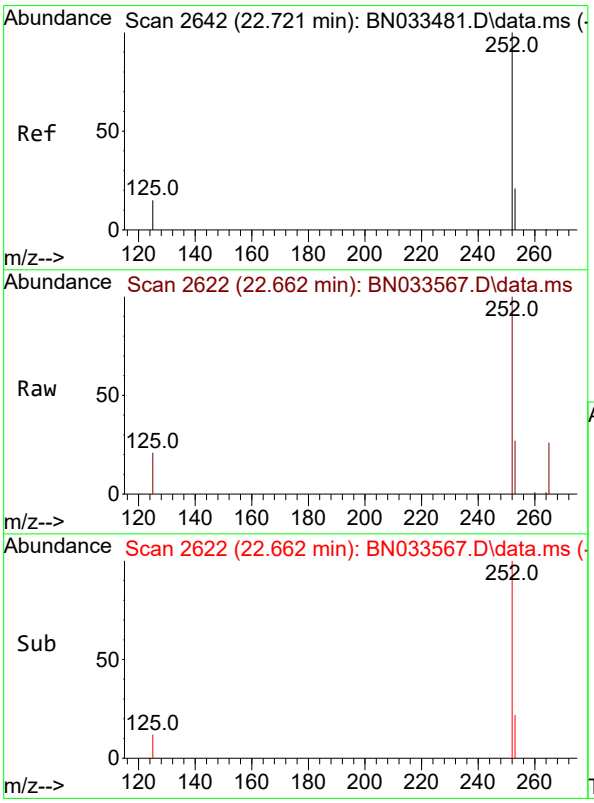
#37
Benzo(b)fluoranthene
Concen: 0.509 ng
RT: 22.662 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:252 Resp: 32758

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.8	29.8
125	20.7	13.9	20.9

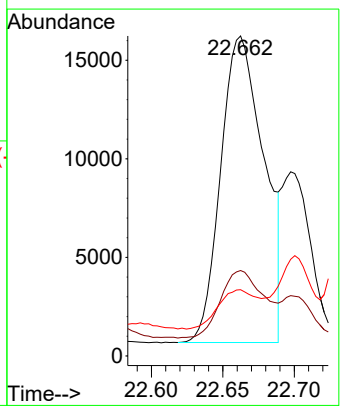


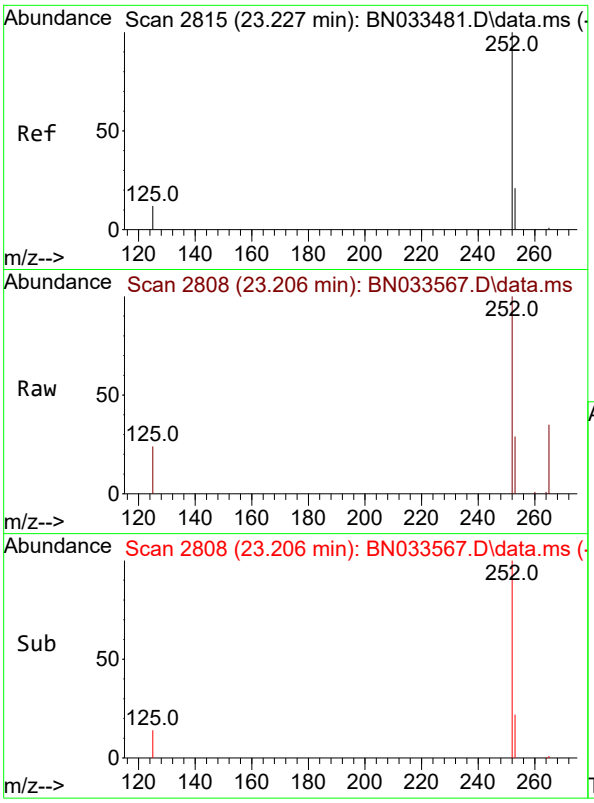


#38
Benzo(k)fluoranthene
Concen: 0.517 ng
RT: 22.662 min Scan# 2622
Delta R.T. -0.041 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion:252 Resp: 32758

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.8	29.8
125	20.7	15.8	23.8



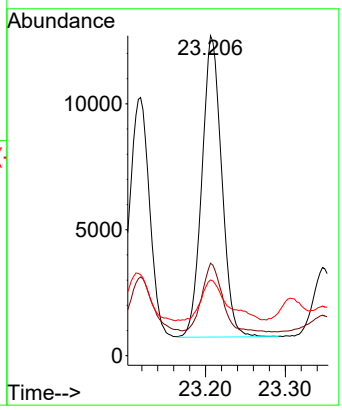


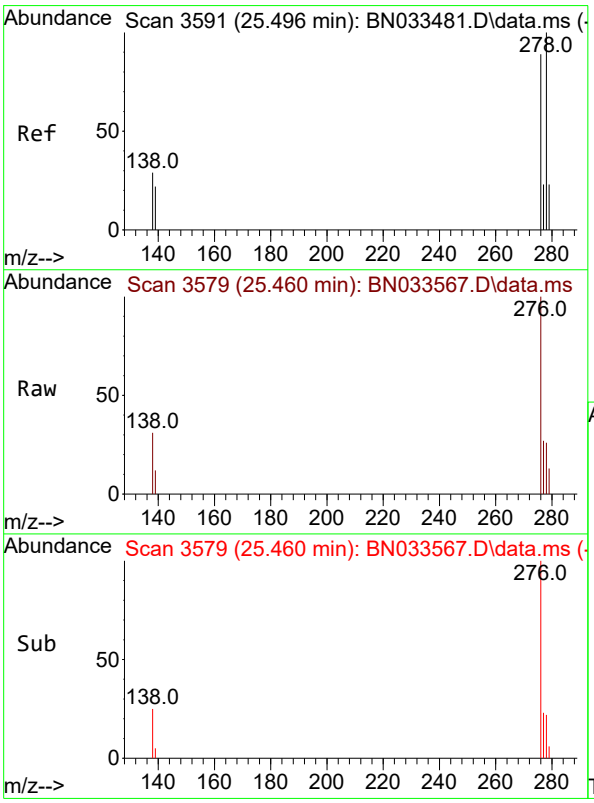
#39
Benzo(a)pyrene
Concen: 0.387 ng
RT: 23.206 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:252 Resp: 20599

Ion	Ratio	Lower	Upper
252	100		
253	28.9	21.5	32.3
125	23.6	17.0	25.4

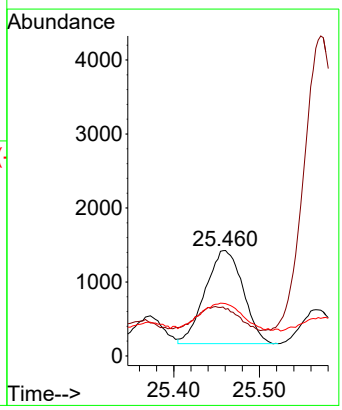


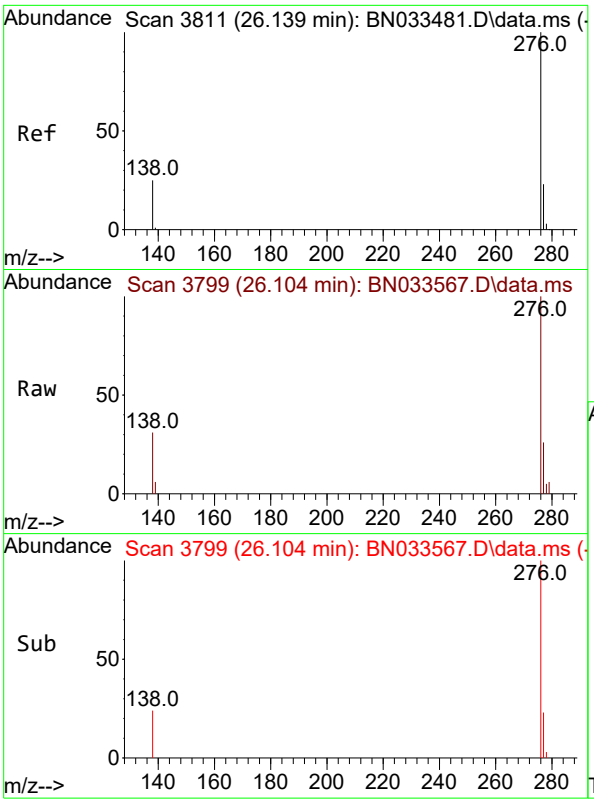


#40
Dibenzo(a,h)anthracene
Concen: 0.068 ng
RT: 25.460 min Scan# 3579
Delta R.T. -0.009 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Tgt Ion:278 Resp: 3867

Ion	Ratio	Lower	Upper
278	100		
139	44.4	19.1	28.7#
279	49.6	21.0	31.4#





#41
Benzo(g,h,i)perylene
Concen: 0.279 ng
RT: 26.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN033567.D
Acq: 23 Aug 2024 00:28

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924

Tgt Ion:276 Resp: 17089

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.7	29.5
138	30.9	21.8	32.6