Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032567.D
Acq On : 09 Jul 2024 01:52
Operator : MA/JU
Sample : PB161896BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Quant Time: Jul 09 03:14:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration

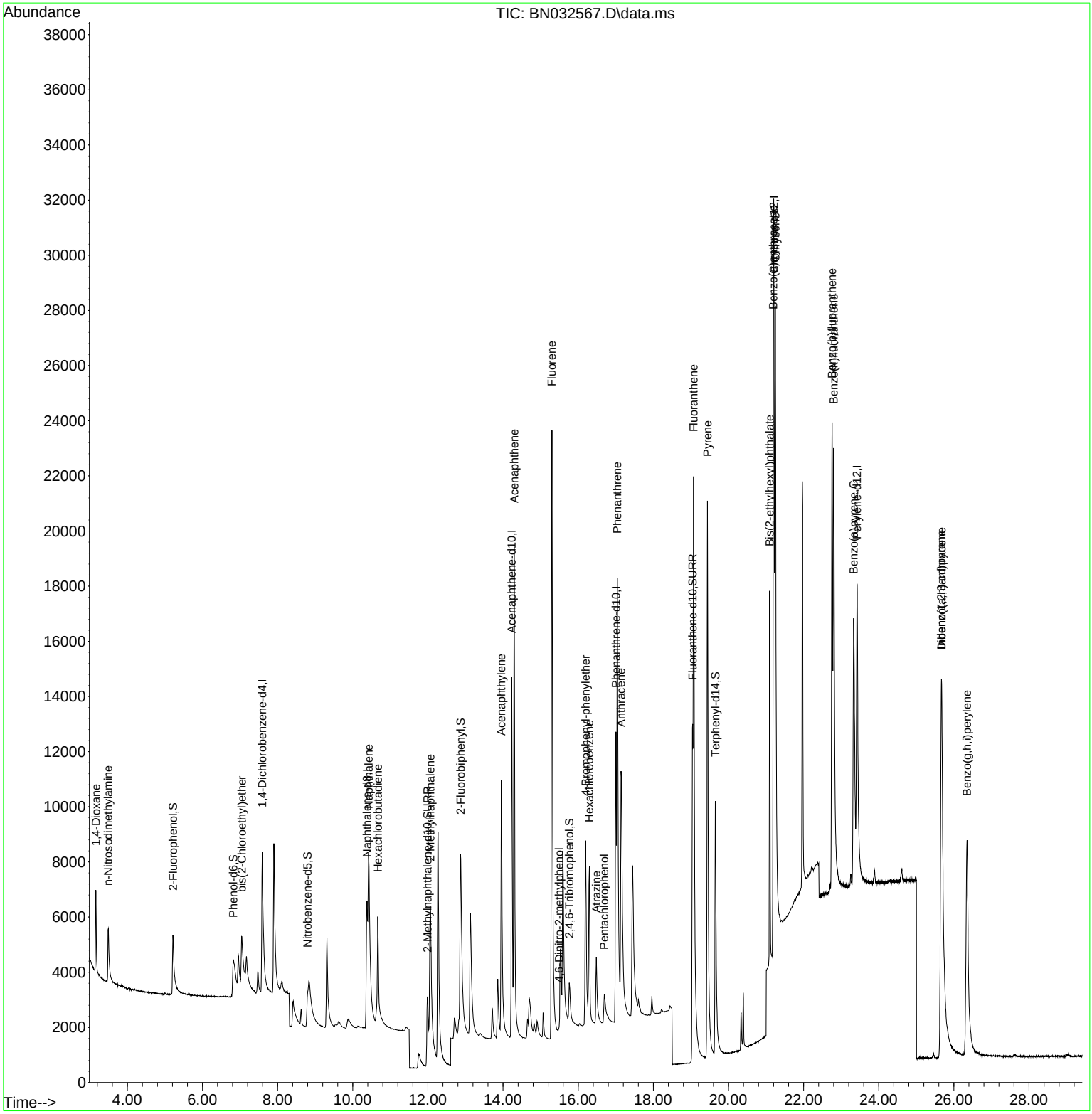
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.588	152	4375	0.400	ng		0.00
7) Naphthalene-d8	10.378	136	13767	0.400	ng		0.00
13) Acenaphthene-d10	14.231	164	9772	0.400	ng		0.00
19) Phenanthrene-d10	17.004	188	21923	0.400	ng		0.00
29) Chrysene-d12	21.211	240	19263	0.400	ng		0.00
35) Perylene-d12	23.420	264	19665	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	4007	0.362	ng		0.00
5) Phenol-d6	6.823	99	4660	0.330	ng		0.00
8) Nitrobenzene-d5	8.798	82	3433	0.334	ng		0.00
11) 2-Methylnaphthalene-d10	11.986	152	8496	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.763	330	1475	0.333	ng		0.00
15) 2-Fluorobiphenyl	12.874	172	13239	0.368	ng		0.01
27) Fluoranthene-d10	19.045	212	22004	0.385	ng		0.00
31) Terphenyl-d14	19.653	244	16829	0.358	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2176	0.378	ng		99
3) n-Nitrosodimethylamine	3.486	42	1577	0.377	ng		100
6) bis(2-Chloroethyl)ether	7.047	93	3385	0.360	ng		99
9) Naphthalene	10.421	128	14514	0.386	ng		99
10) Hexachlorobutadiene	10.667	225	2919	0.390	ng	#	99
12) 2-Methylnaphthalene	12.062	142	9759	0.388	ng		100
16) Acenaphthylene	13.953	152	14621	0.347	ng		100
17) Acenaphthene	14.296	154	10966	0.375	ng		100
18) Fluorene	15.301	166	14647	0.382	ng		99
20) 4,6-Dinitro-2-methylph...	15.493	198	501	0.344	ng		96
21) 4-Bromophenyl-phenylether	16.197	248	4967	0.381	ng		98
22) Hexachlorobenzene	16.296	284	5462	0.381	ng		99
23) Atrazine	16.482	200	3642	0.358	ng		99
24) Pentachlorophenol	16.694	266	1410	0.383	ng		98
25) Phenanthrene	17.041	178	22331	0.375	ng		100
26) Anthracene	17.140	178	16875	0.352	ng		99
28) Fluoranthene	19.072	202	27394	0.381	ng		100
30) Pyrene	19.439	202	28616	0.365	ng		100
32) Benzo(a)anthracene	21.193	228	21408	0.336	ng		99
33) Chrysene	21.247	228	30740	0.406	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	13575	0.314	ng		100
36) Indeno(1,2,3-cd)pyrene	25.662	276	26087	0.347	ng		99
37) Benzo(b)fluoranthene	22.756	252	25060	0.382	ng		97
38) Benzo(k)fluoranthene	22.800	252	30090	0.399	ng		98
39) Benzo(a)pyrene	23.332	252	22999	0.371	ng		96
40) Dibenzo(a,h)anthracene	25.677	278	20302	0.341	ng		98
41) Benzo(g,h,i)perylene	26.349	276	22898	0.353	ng		97

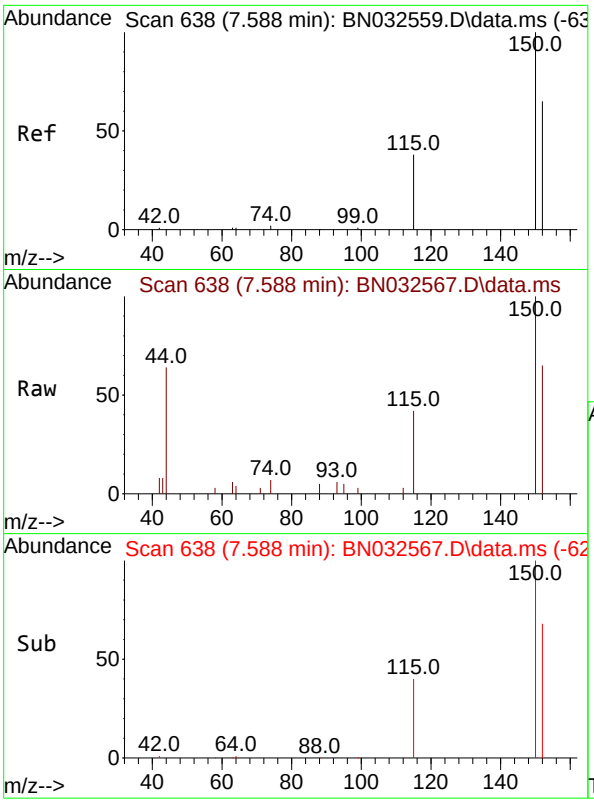
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032567.D
Acq On : 09 Jul 2024 01:52
Operator : MA/JU
Sample : PB161896BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Quant Time: Jul 09 03:14:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration



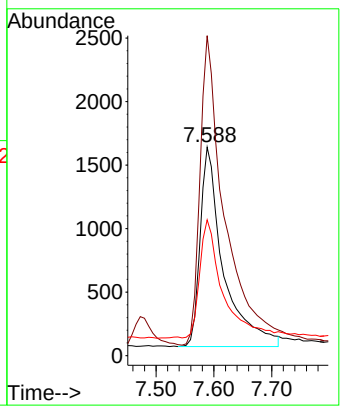


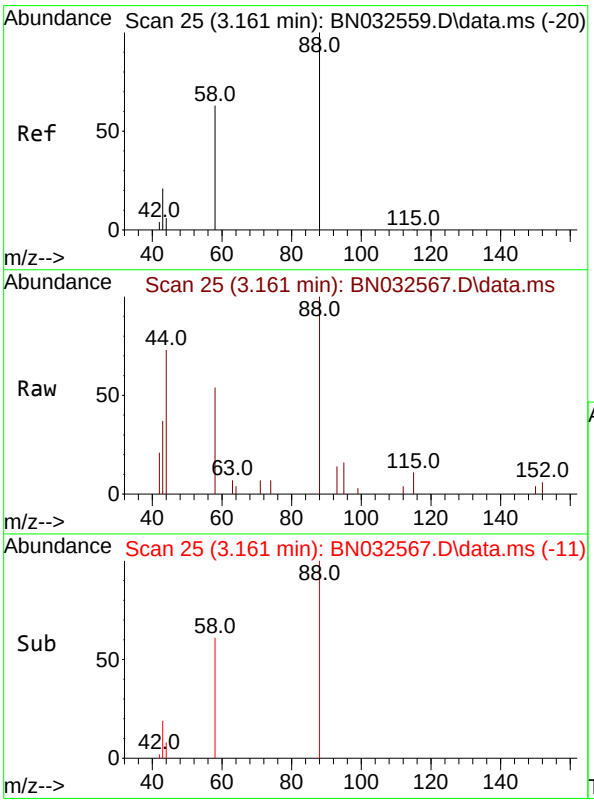
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.588 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:152 Resp: 4375

Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.6	182.4
115	65.1	53.1	79.7

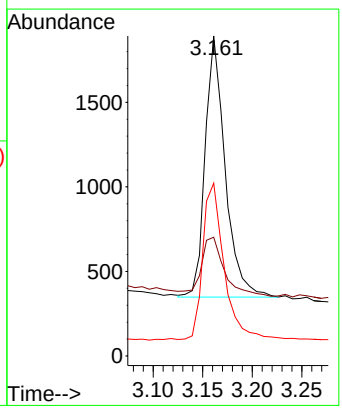


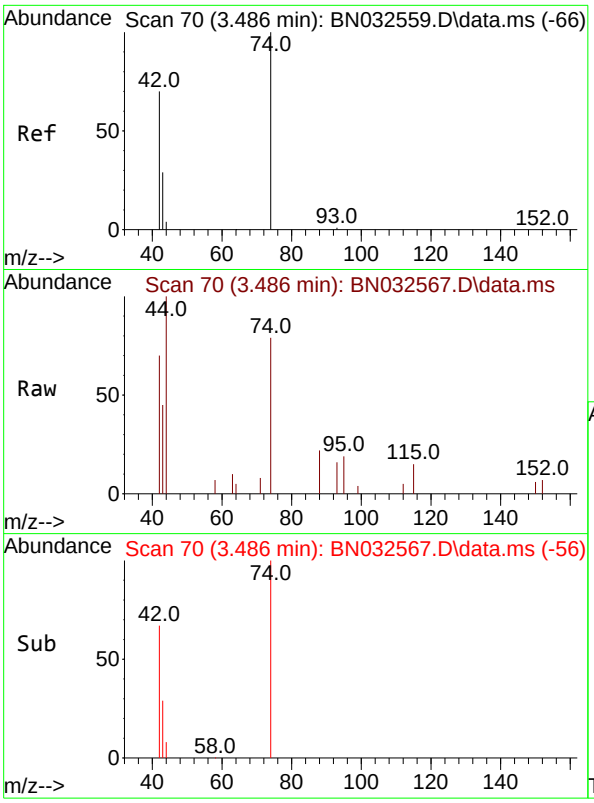


#2
1,4-Dioxane
Concen: 0.378 ng
RT: 3.161 min Scan# 25
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion: 88 Resp: 2176

Ion	Ratio	Lower	Upper
88	100		
43	25.8	20.4	30.6
58	64.7	51.0	76.6



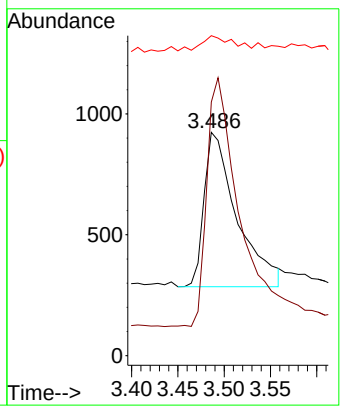


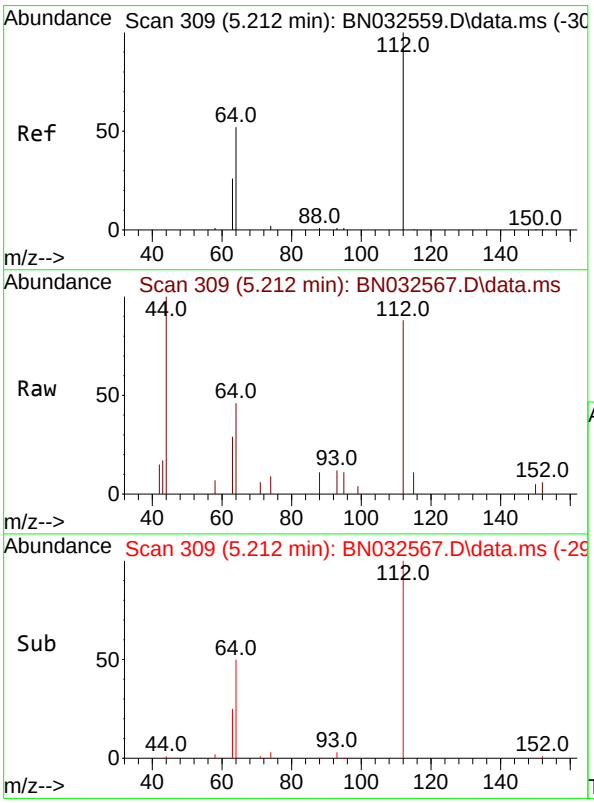
#3
n-Nitrosodimethylamine
Concen: 0.377 ng
RT: 3.486 min Scan# 7(
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion: 42 Resp: 1577

Ion	Ratio	Lower	Upper
42	100		
74	158.6	126.8	190.2
44	9.4	8.7	13.1

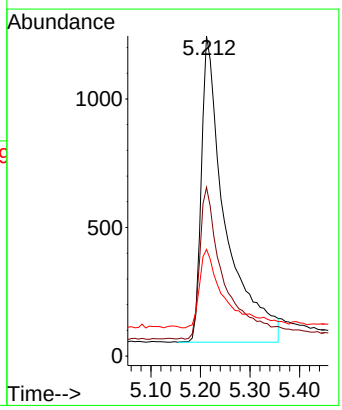


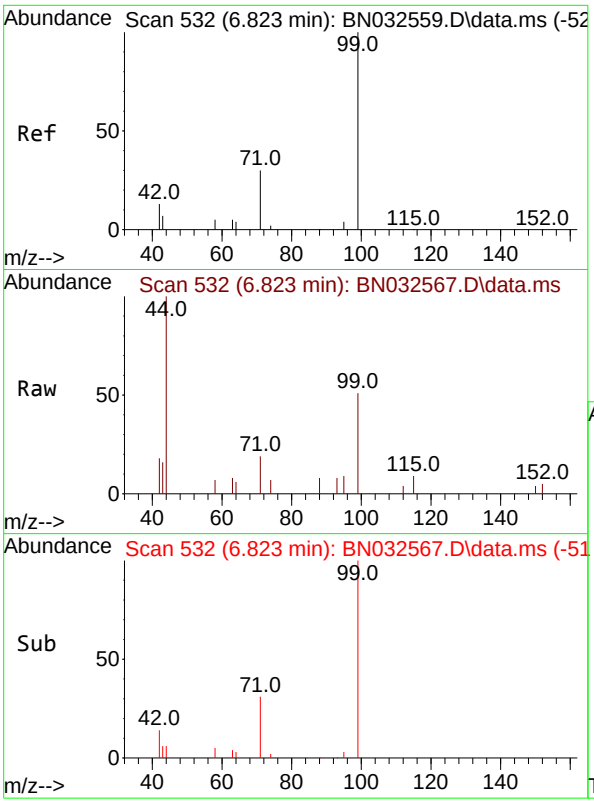


#4
2-Fluorophenol
Concen: 0.362 ng
RT: 5.212 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:112 Resp: 4007

Ion	Ratio	Lower	Upper
112	100		
64	49.5	41.2	61.8
63	26.7	21.6	32.4



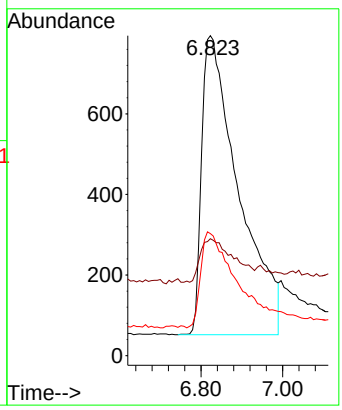


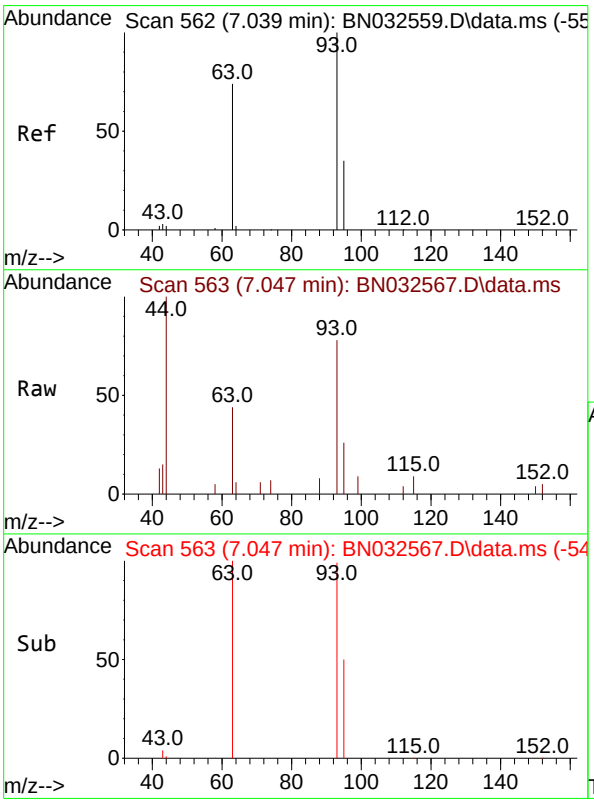
#5
Phenol-d6
Concen: 0.330 ng
RT: 6.823 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion: 99 Resp: 4660

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	16.0
71	32.0	25.2	37.8

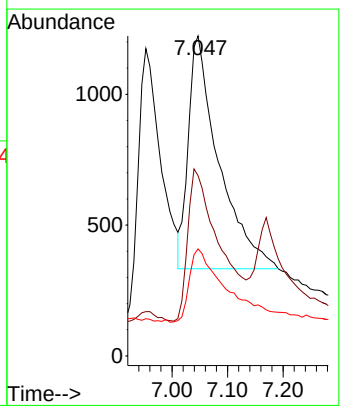


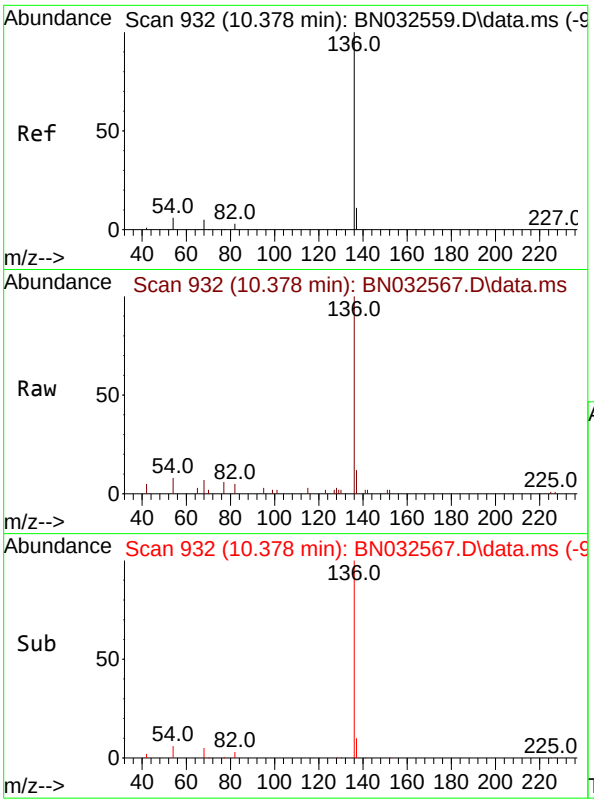


#6
bis(2-Chloroethyl)ether
Concen: 0.360 ng
RT: 7.047 min Scan# 563
Delta R.T. 0.008 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion: 93 Resp: 3385

Ion	Ratio	Lower	Upper
93	100		
63	68.2	54.1	81.1
95	38.9	30.5	45.7



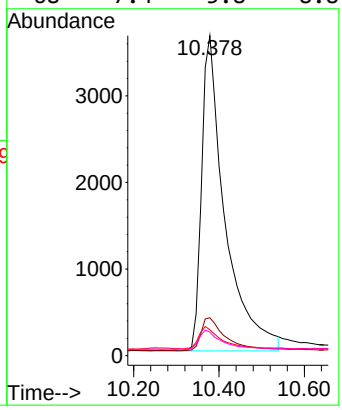


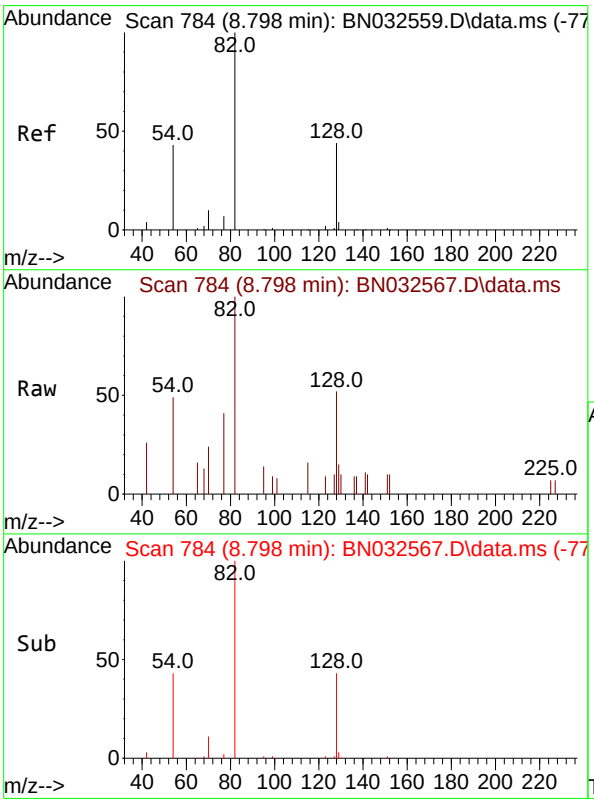
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.378 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:136 Resp: 13767

Ion	Ratio	Lower	Upper
136	100		
137	11.9	10.0	15.0
54	8.1	6.6	9.8
68	7.4	5.8	8.8

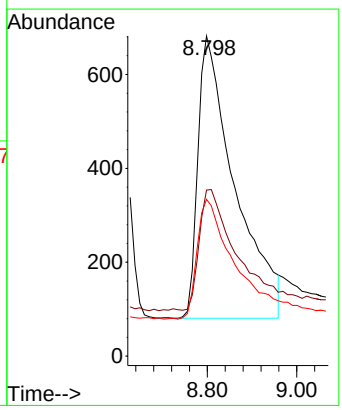


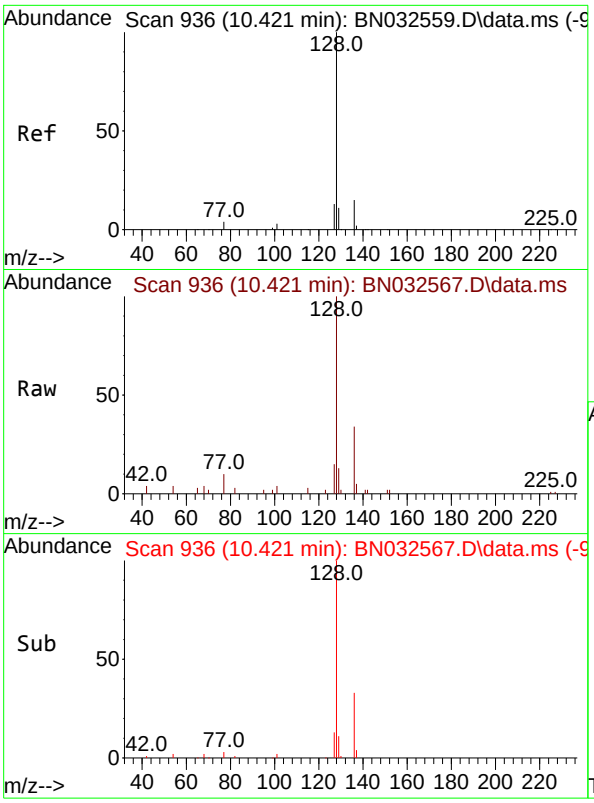


#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 8.798 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion: 82 Resp: 3433

Ion	Ratio	Lower	Upper
82	100		
128	51.9	43.4	65.2
54	49.0	40.2	60.2



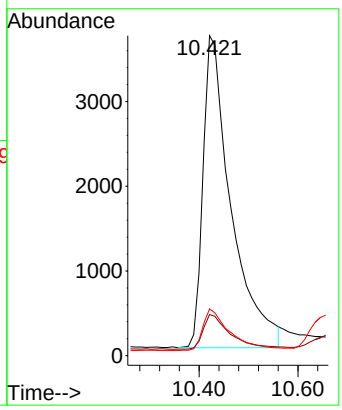


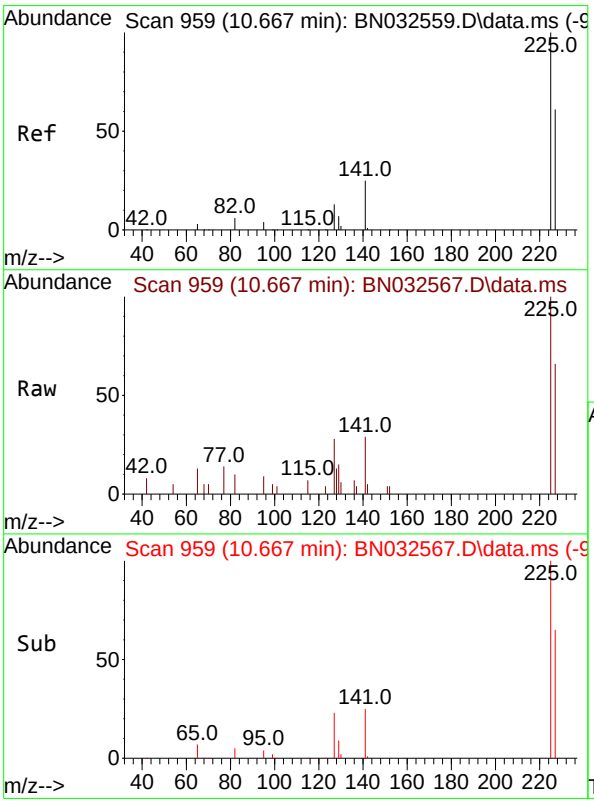
#9
Naphthalene
Concen: 0.386 ng
RT: 10.421 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:128 Resp: 14514

Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.2	15.4
127	14.6	11.4	17.0

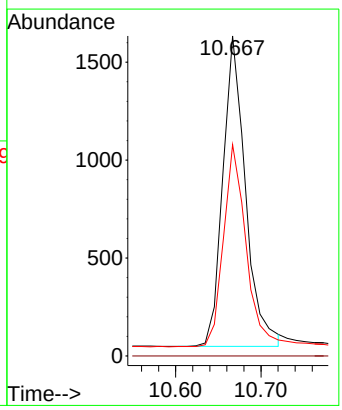


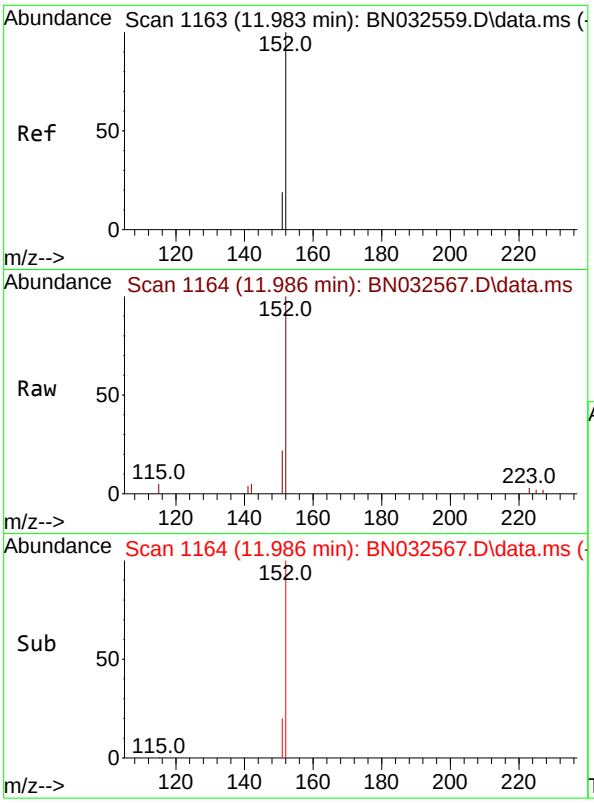


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 10.667 min Scan# 959
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:225 Resp: 2919

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	50.6	76.0



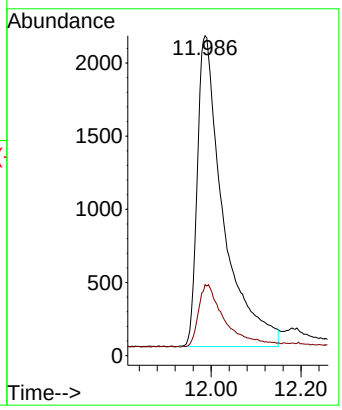


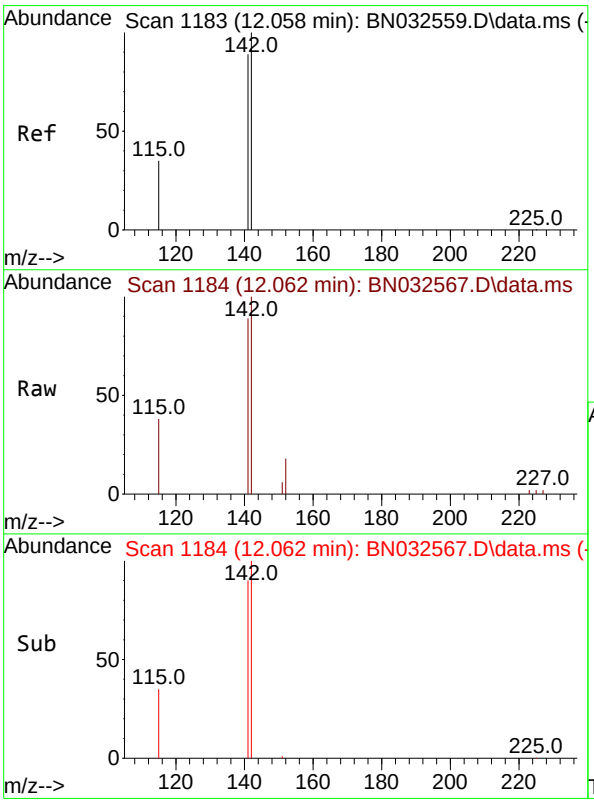
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 11.986 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:152 Resp: 8496

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6

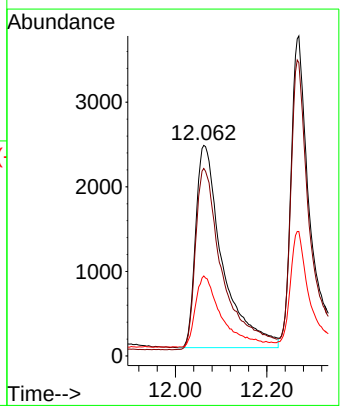


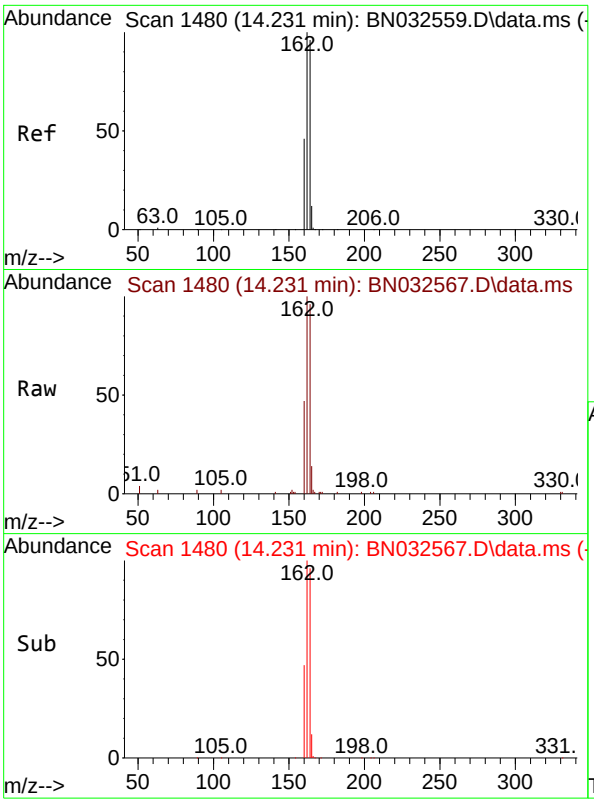


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.062 min Scan# 1184
Delta R.T. 0.004 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:142 Resp: 9759

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	38.0	30.5	45.7



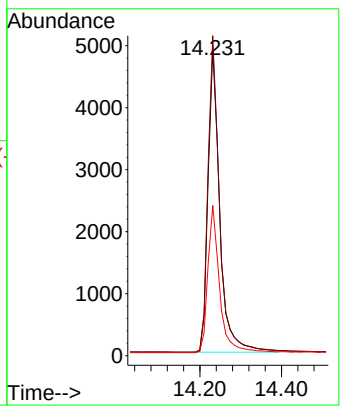


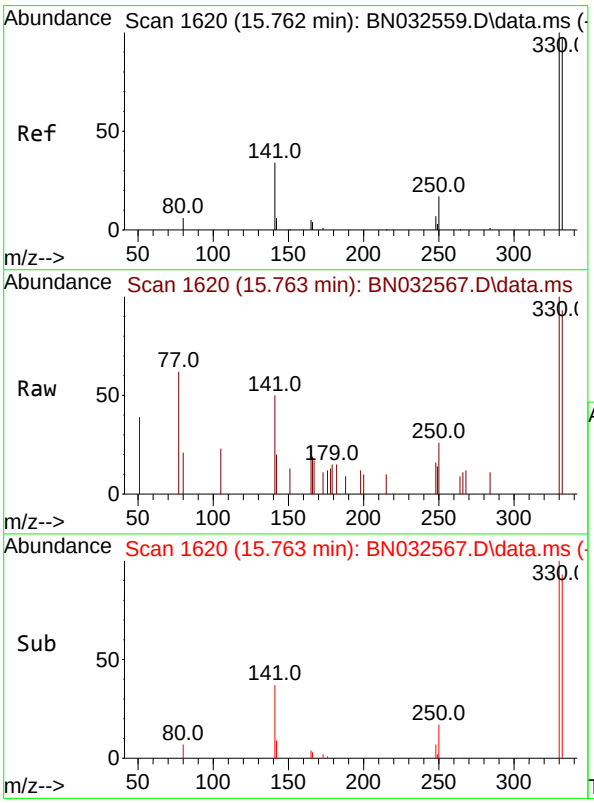
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:164 Resp: 9772

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.2	124.8
160	49.1	38.6	57.8

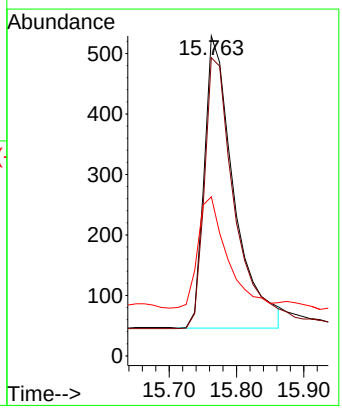


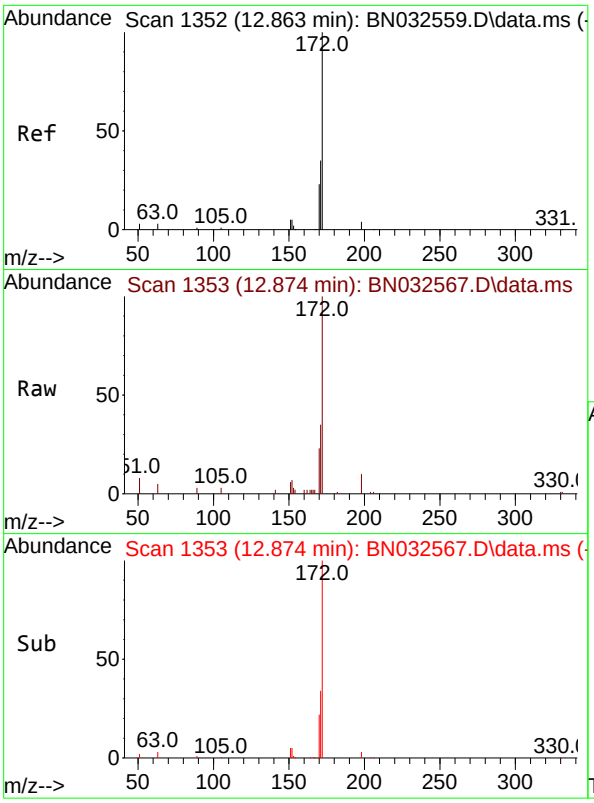


#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 15.763 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:330 Resp: 1475

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.7	116.5
141	37.8	31.8	47.8



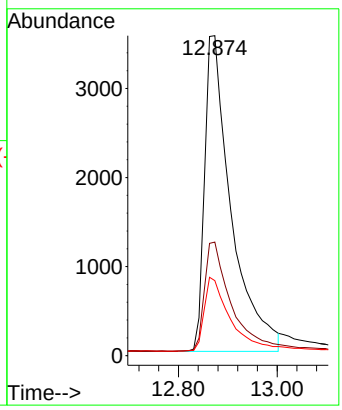


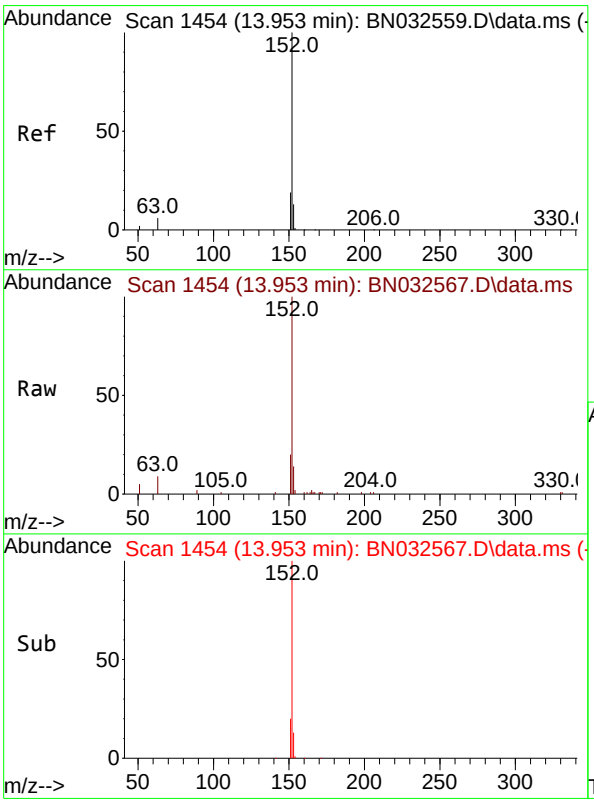
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.874 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:172 Resp: 13239

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.5	19.2	28.8

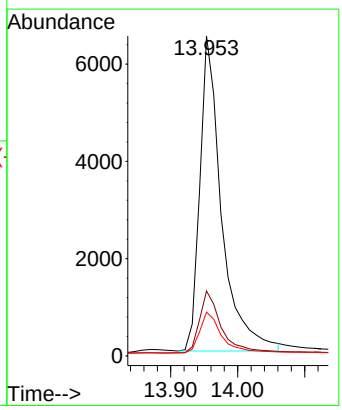


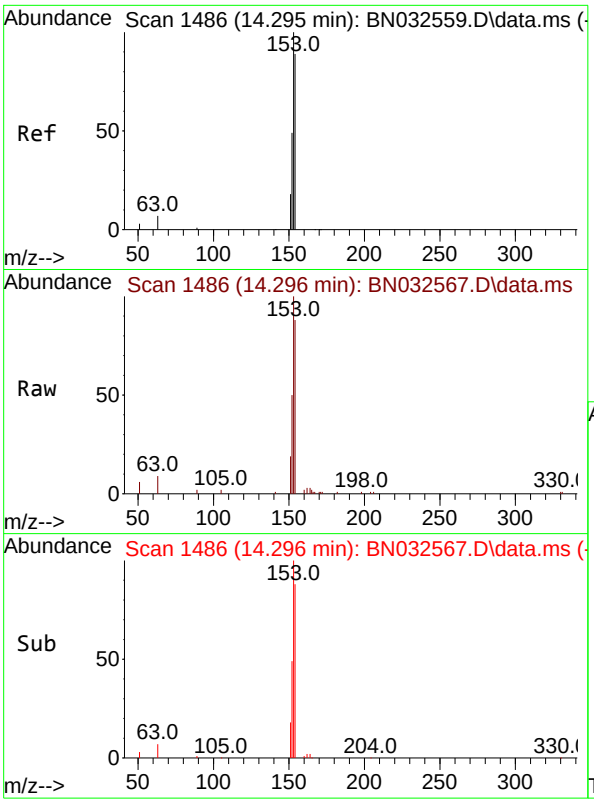


#16
Acenaphthylene
Concen: 0.347 ng
RT: 13.953 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:152 Resp: 14621

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.0	10.5	15.7



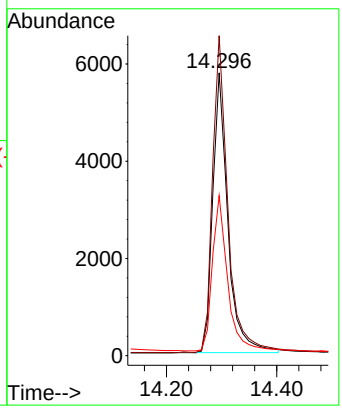


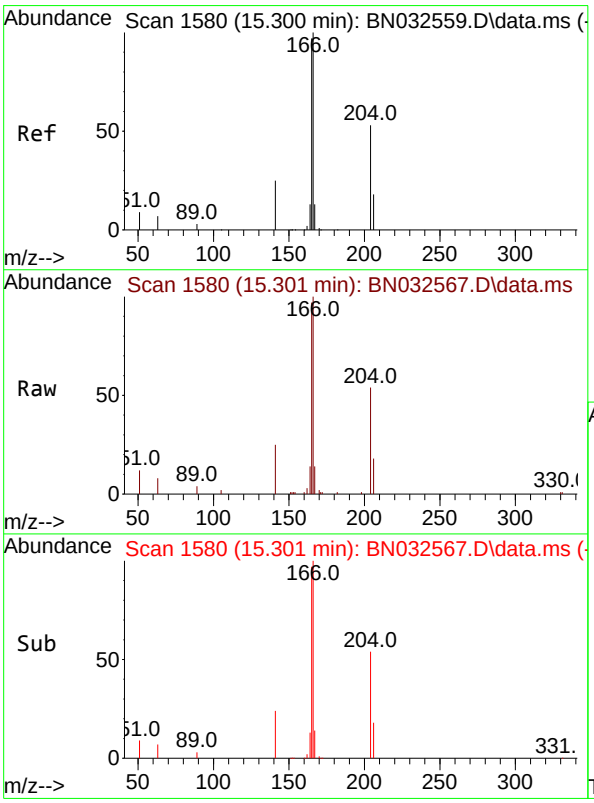
#17
Acenaphthene
Concen: 0.375 ng
RT: 14.296 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:154 Resp: 10966

Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.9	136.3
152	55.6	44.4	66.6

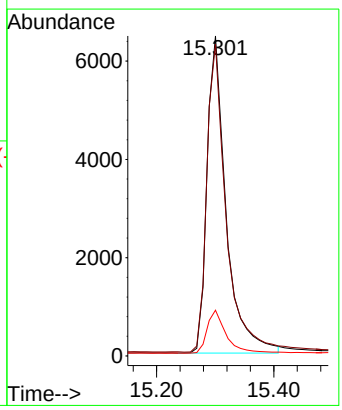


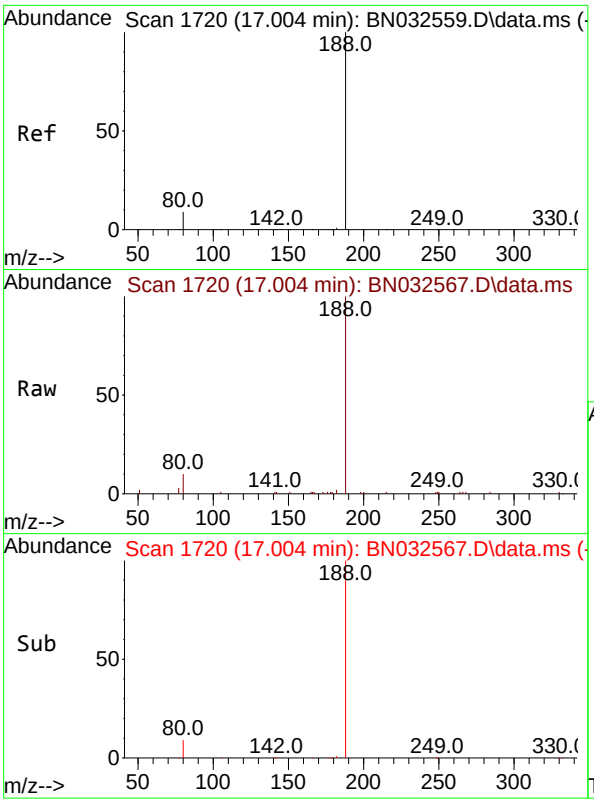


#18
Fluorene
Concen: 0.382 ng
RT: 15.301 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:166 Resp: 14647

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.7	118.1
167	13.4	10.7	16.1



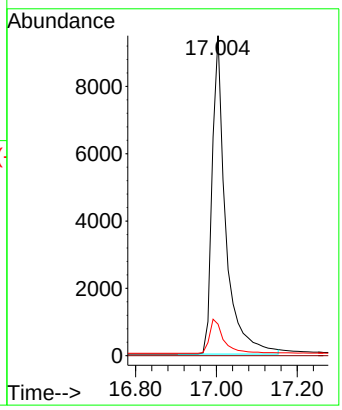


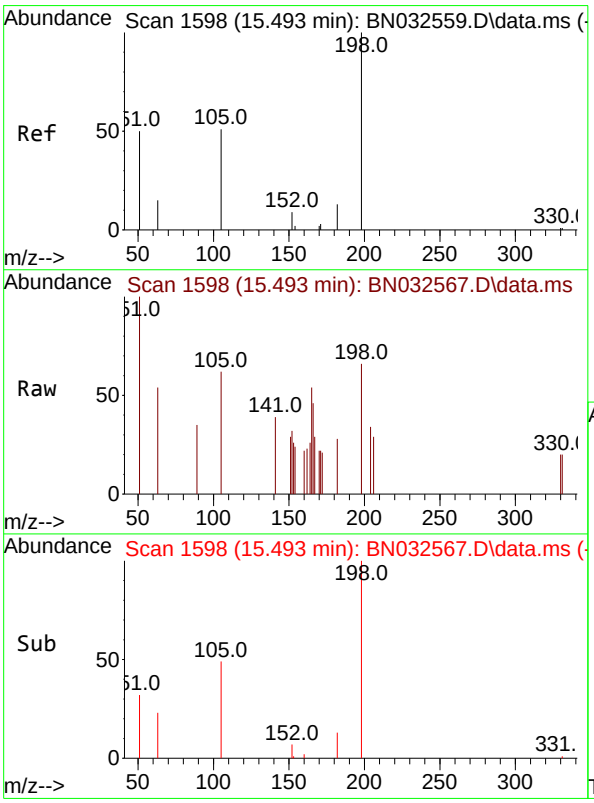
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:188 Resp: 21923

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	7.8	11.6

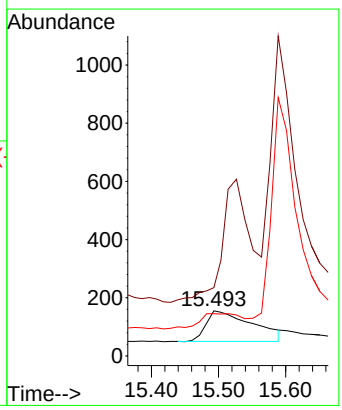


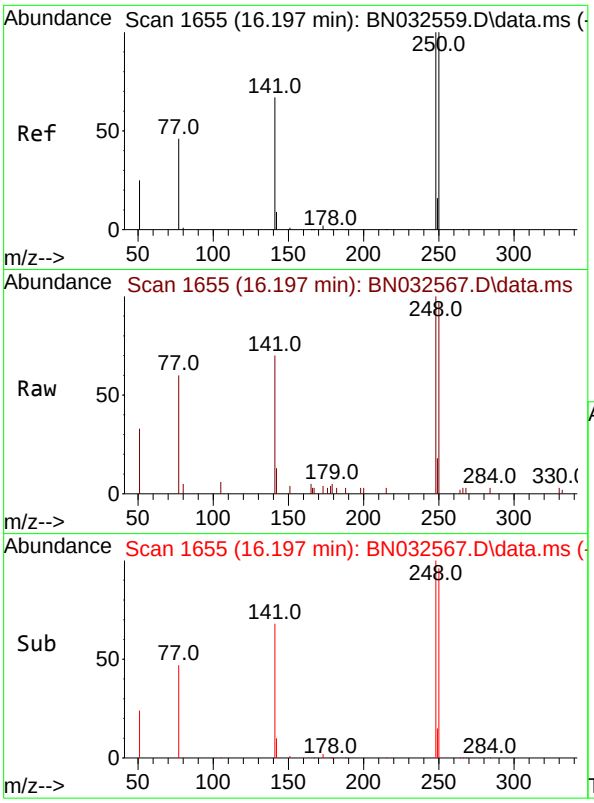


#20
4,6-Dinitro-2-methylphenol
Concen: 0.344 ng
RT: 15.493 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:198 Resp: 501

Ion	Ratio	Lower	Upper
198	100		
51	151.6	123.4	185.2
105	93.5	79.5	119.3



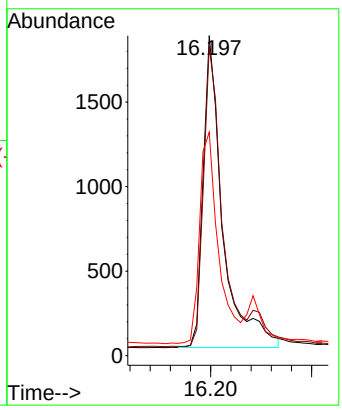


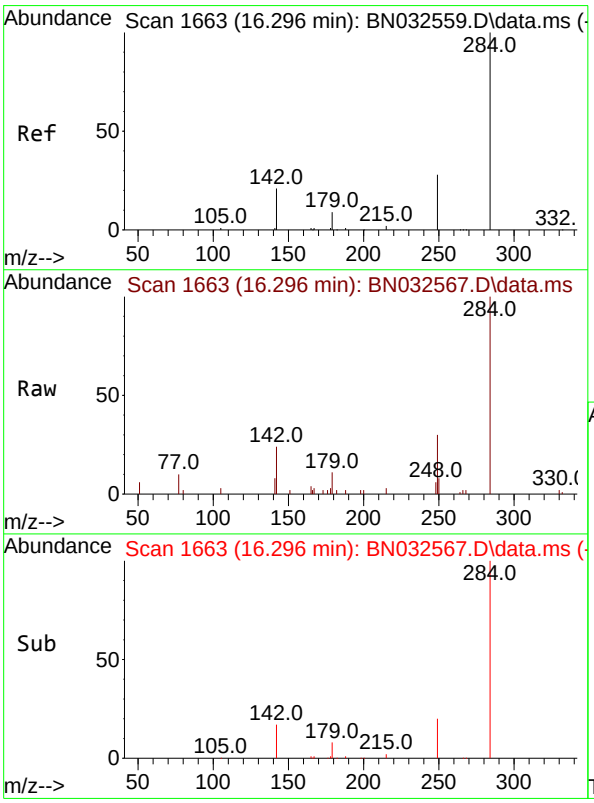
#21
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.197 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:248 Resp: 4967

Ion	Ratio	Lower	Upper
248	100		
250	96.7	80.2	120.2
141	69.8	55.7	83.5

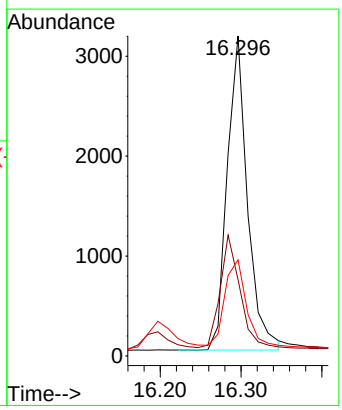


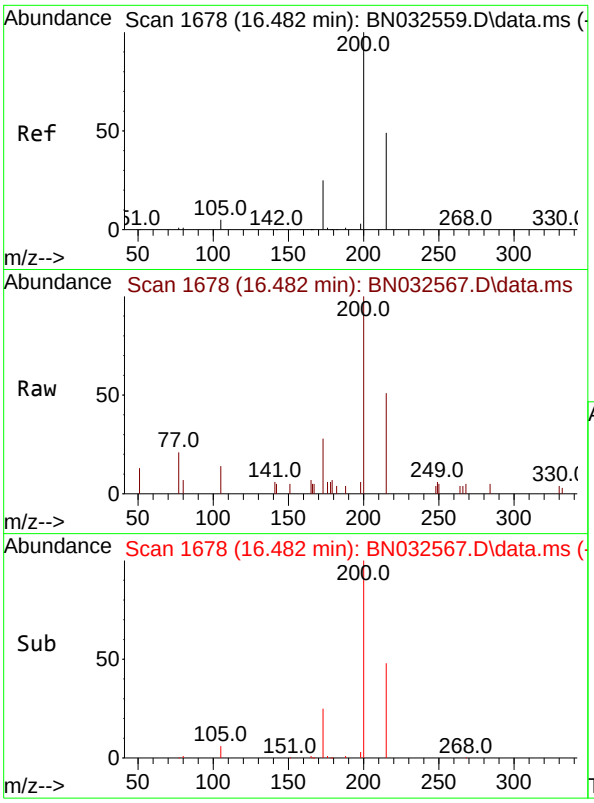


#22
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.296 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:284 Resp: 5462

Ion	Ratio	Lower	Upper
284	100		
142	34.7	27.6	41.4
249	28.1	23.6	35.4



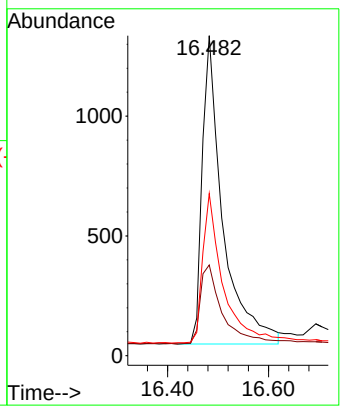


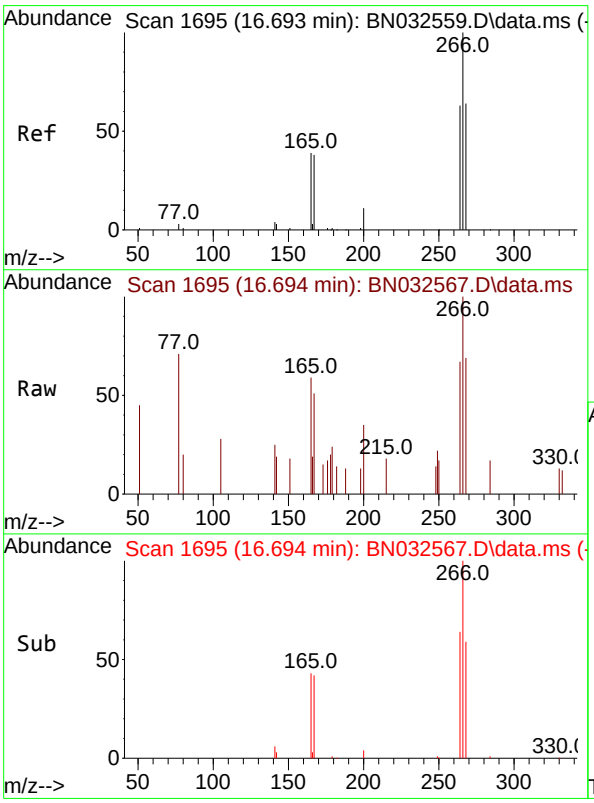
#23
Atrazine
Concen: 0.358 ng
RT: 16.482 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:200 Resp: 3642

Ion	Ratio	Lower	Upper
200	100		
173	28.4	22.3	33.5
215	50.7	41.0	61.6

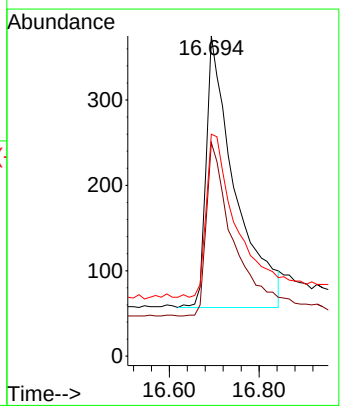


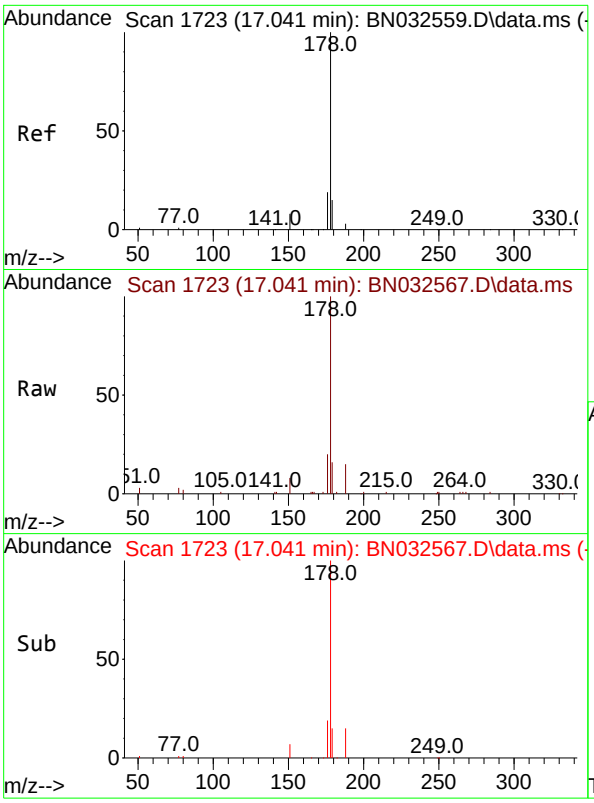


#24
Pentachlorophenol
Concen: 0.383 ng
RT: 16.694 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:266 Resp: 1410

Ion	Ratio	Lower	Upper
266	100		
264	61.3	49.6	74.4
268	63.3	52.2	78.2



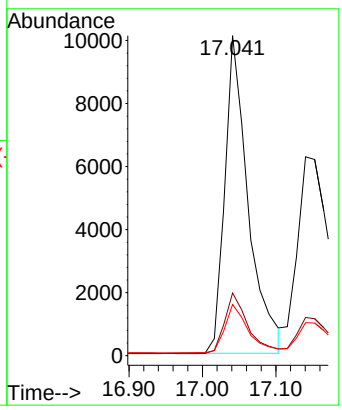


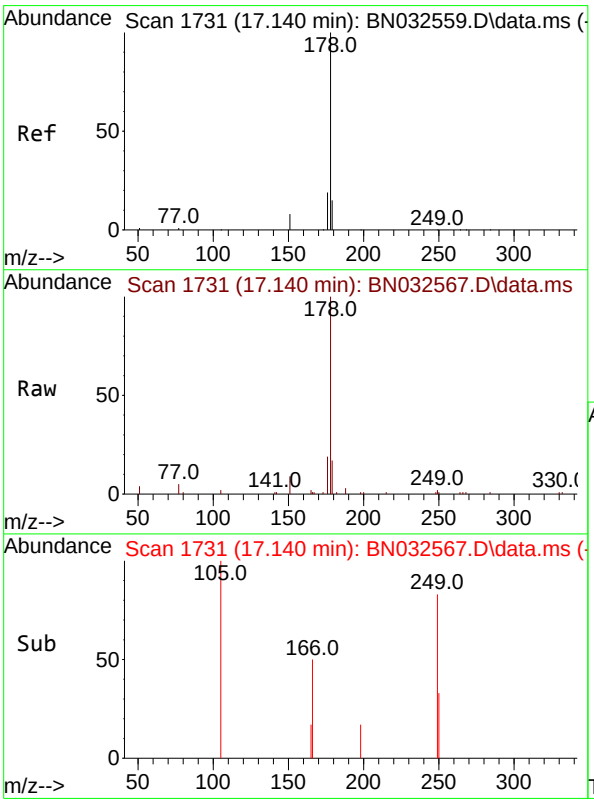
#25
Phenanthrene
Concen: 0.375 ng
RT: 17.041 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:178 Resp: 22331

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.3	12.2	18.4

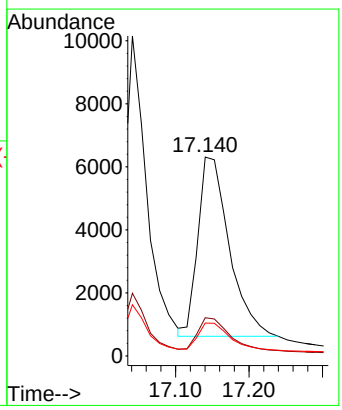


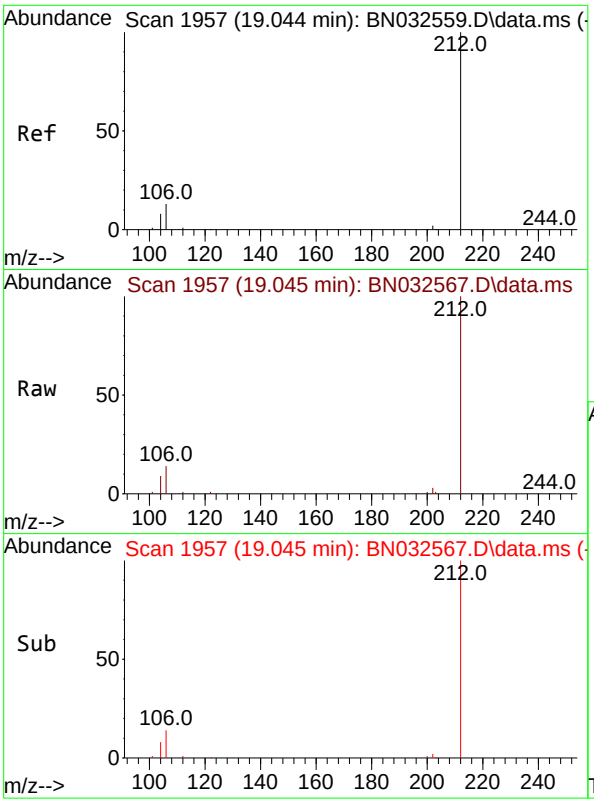


#26
Anthracene
Concen: 0.352 ng
RT: 17.140 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:178 Resp: 16875

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	15.0	11.9	17.9



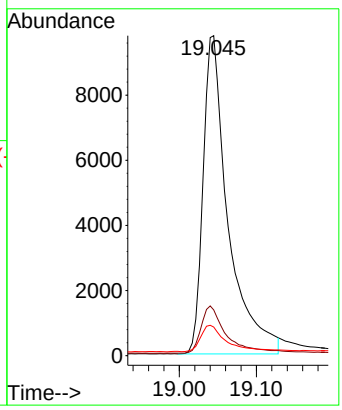


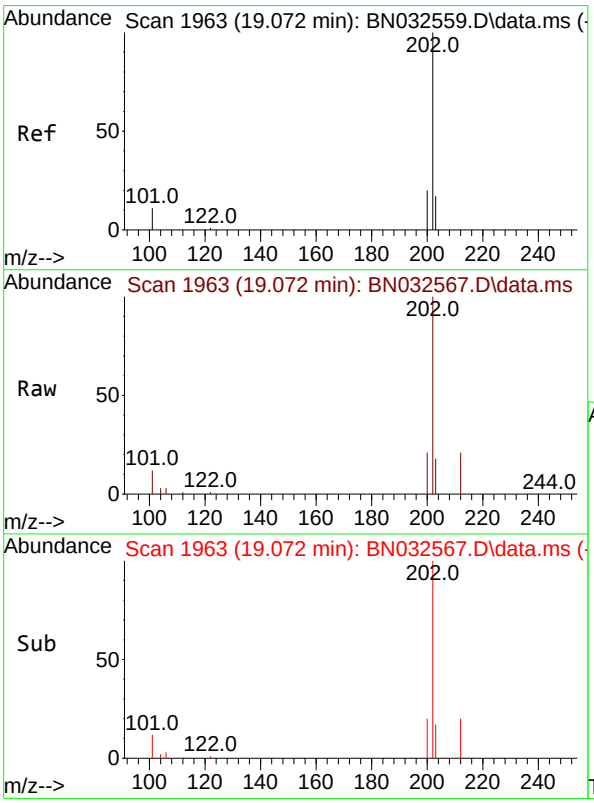
#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.045 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:212 Resp: 22004

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.8	17.8
104	8.5	6.9	10.3

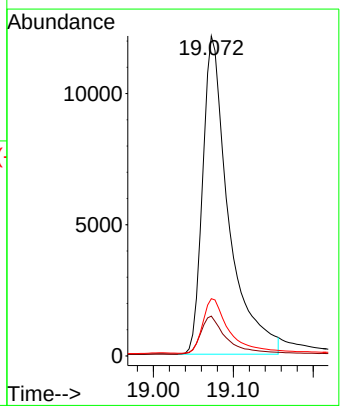


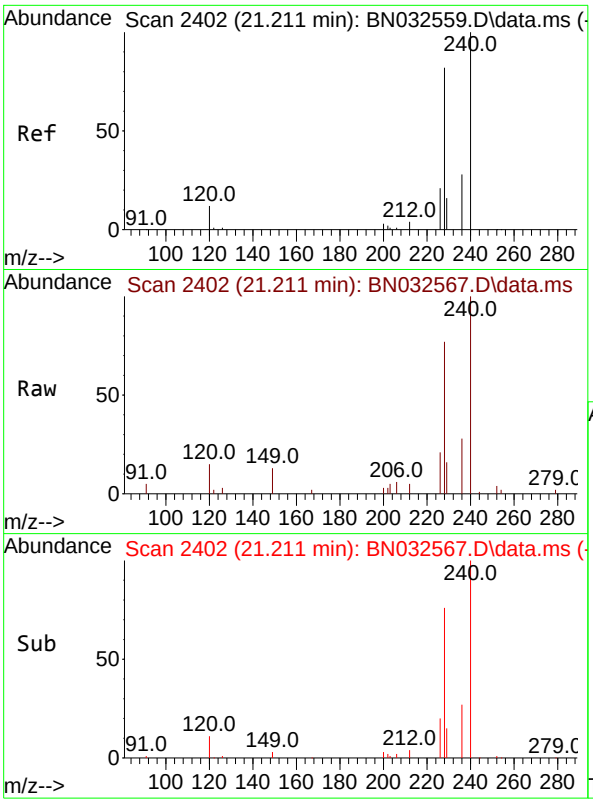


#28
Fluoranthene
Concen: 0.381 ng
RT: 19.072 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:202 Resp: 27394

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.5	14.3
203	17.2	13.8	20.6



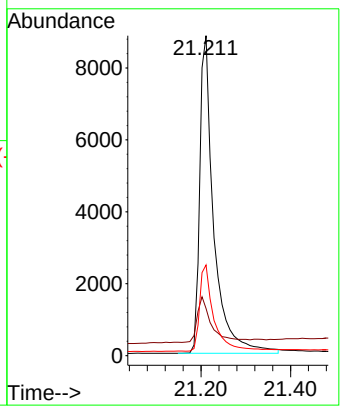


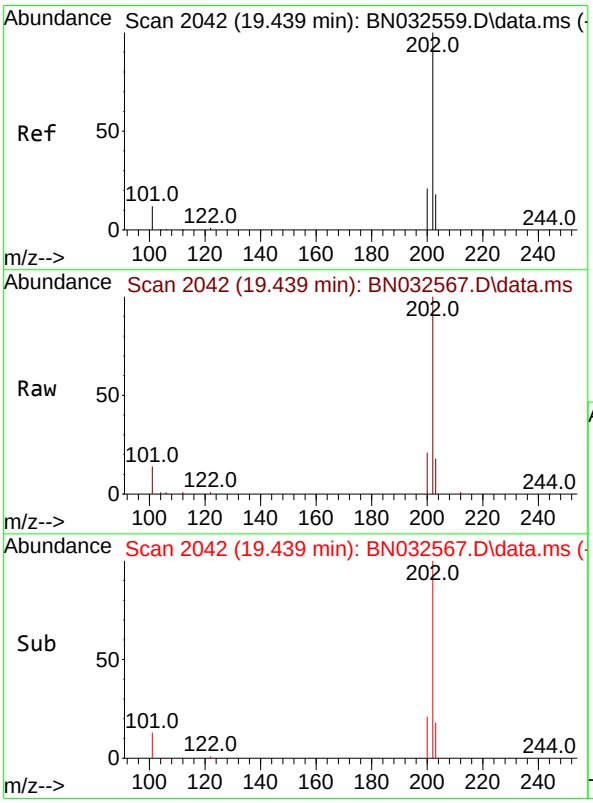
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:240 Resp: 19263

Ion	Ratio	Lower	Upper
240	100		
120	14.7	13.0	19.4
236	28.3	23.1	34.7

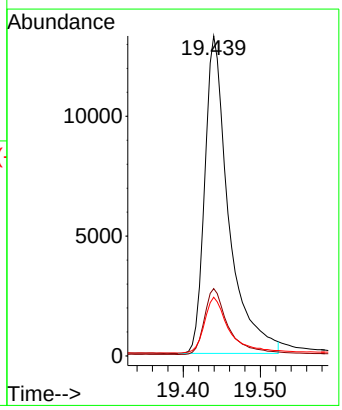


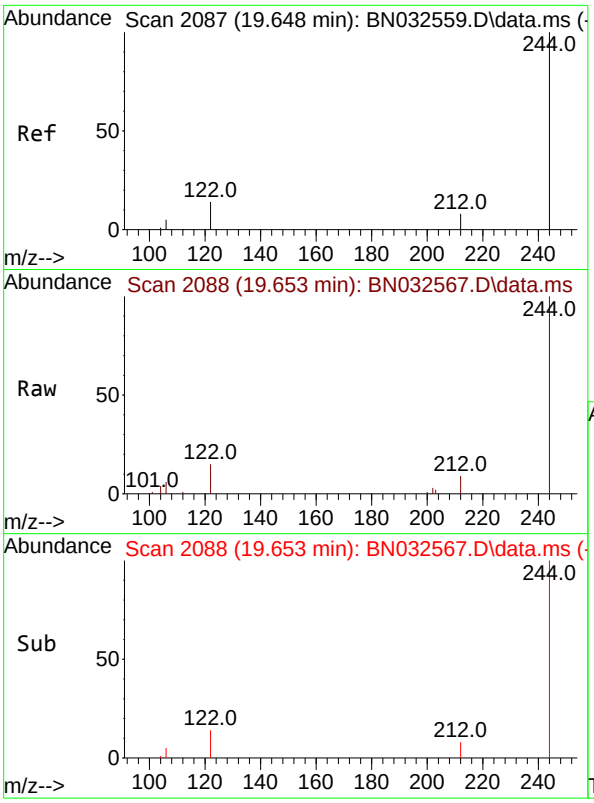


#30
Pyrene
Concen: 0.365 ng
RT: 19.439 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:202 Resp: 28616

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	18.0	14.4	21.6



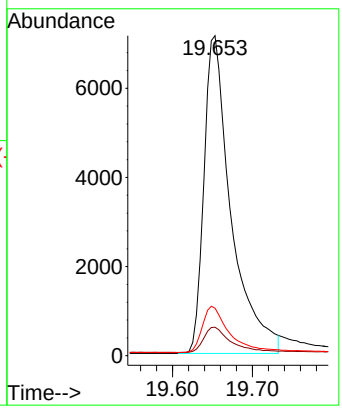


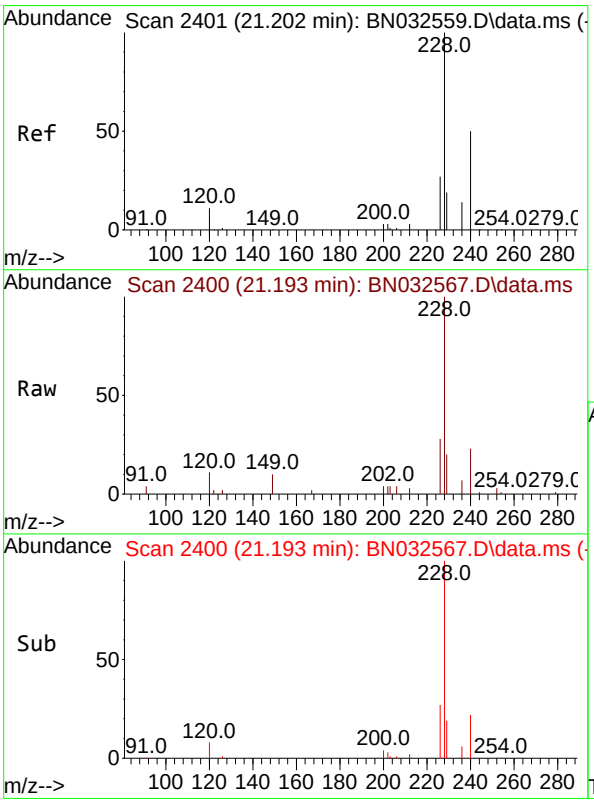
#31
Terphenyl-d14
Concen: 0.358 ng
RT: 19.653 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:244 Resp: 16829

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.2	10.8
122	14.8	12.1	18.1

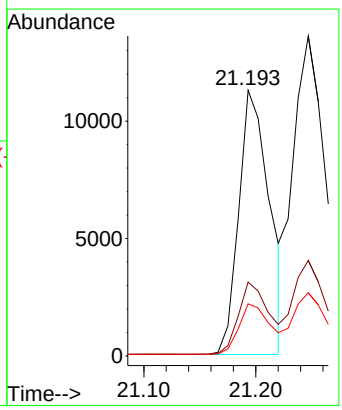


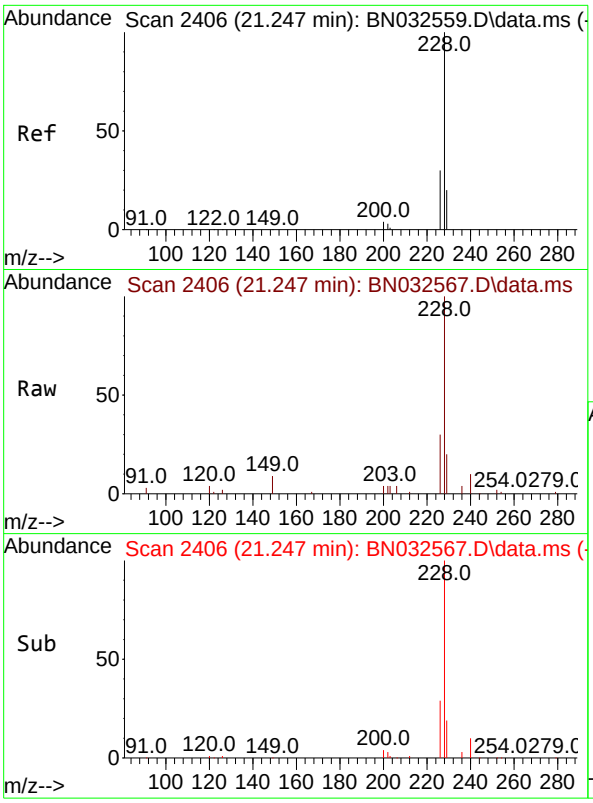


#32
Benzo(a)anthracene
Concen: 0.336 ng
RT: 21.193 min Scan# 2400
Delta R.T. -0.009 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:228 Resp: 21408

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.7	32.5
229	19.6	16.0	24.0



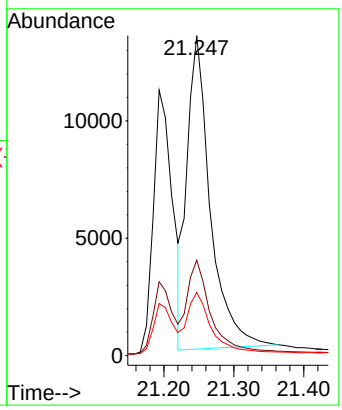


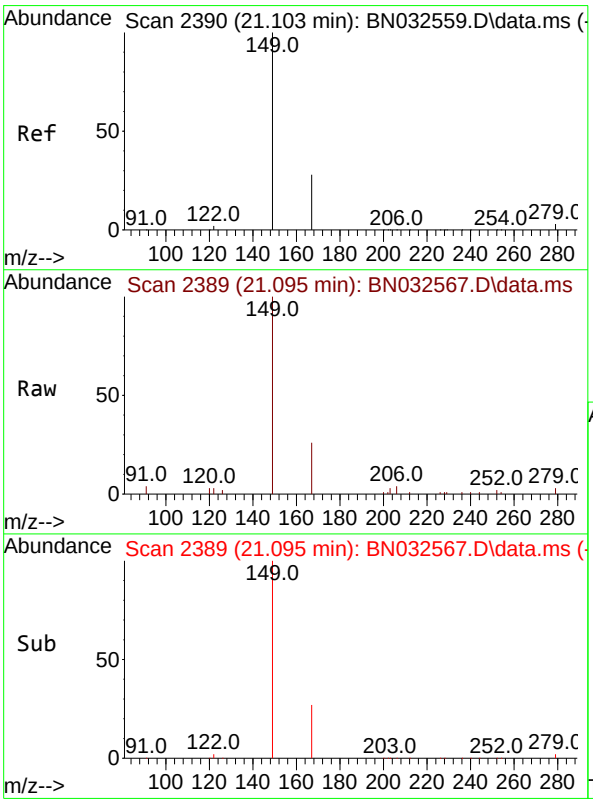
#33
Chrysene
Concen: 0.406 ng
RT: 21.247 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:228 Resp: 30740

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.7	16.1	24.1

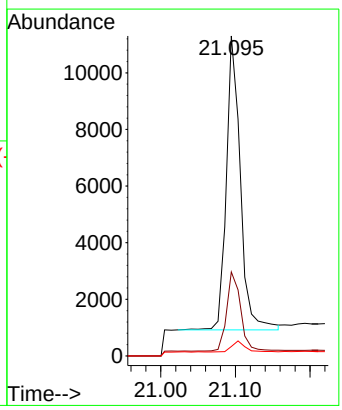


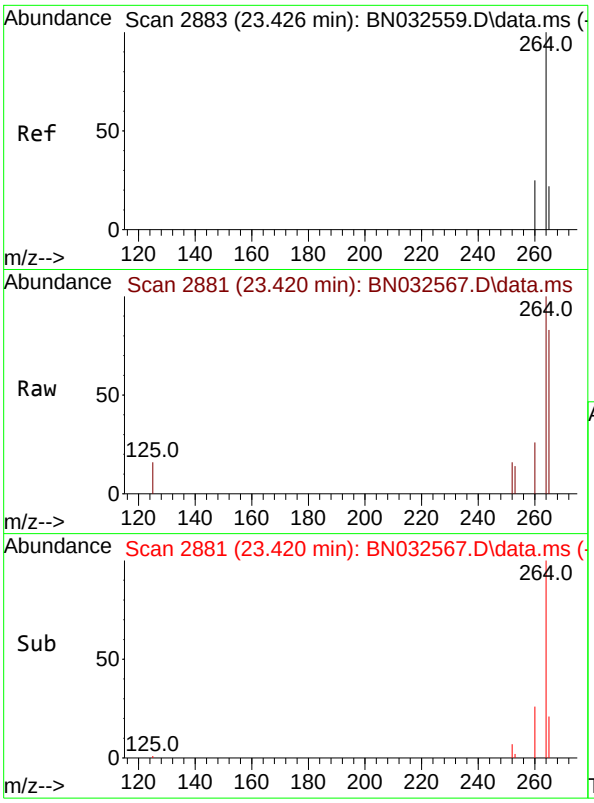


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.314 ng
RT: 21.095 min Scan# 2389
Delta R.T. -0.009 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:149 Resp: 13575

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.6	32.4
279	3.8	3.0	4.6



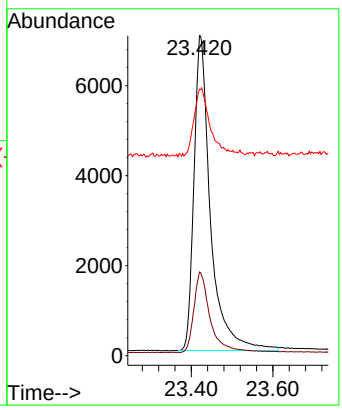


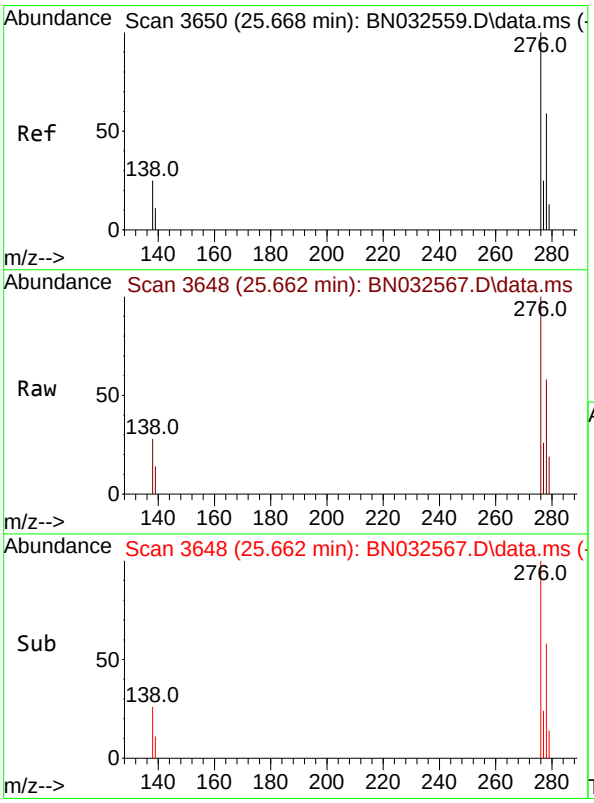
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.420 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:264 Resp: 19665

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.0	31.6
265	83.3	76.6	115.0

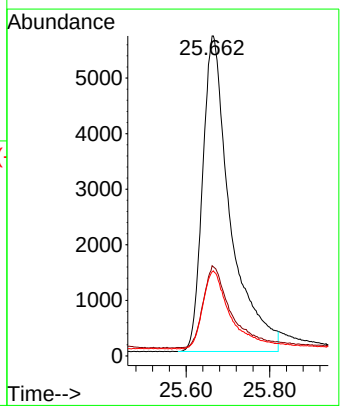


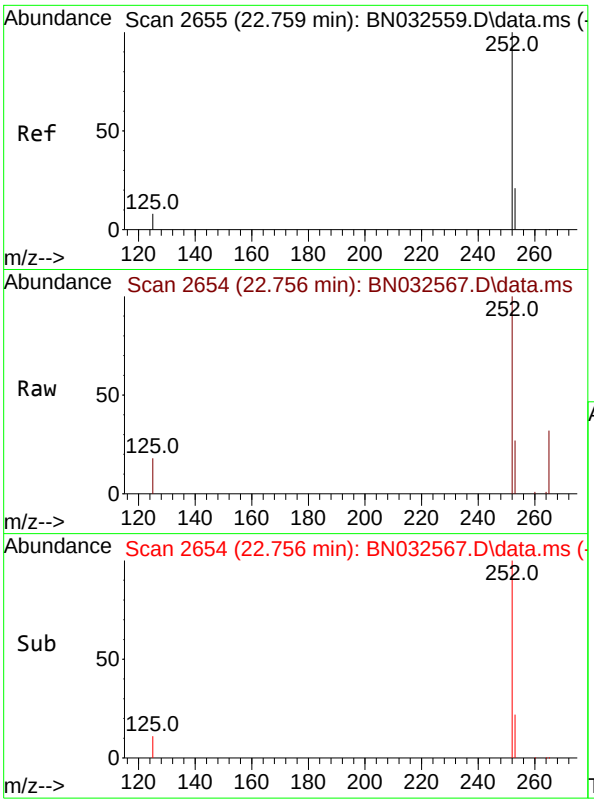


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng
RT: 25.662 min Scan# 3648
Delta R.T. -0.006 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:276 Resp: 26087

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.4	32.0
277	24.9	19.9	29.9



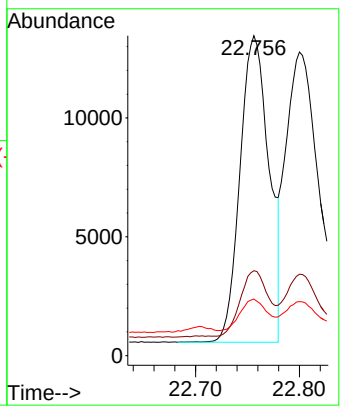


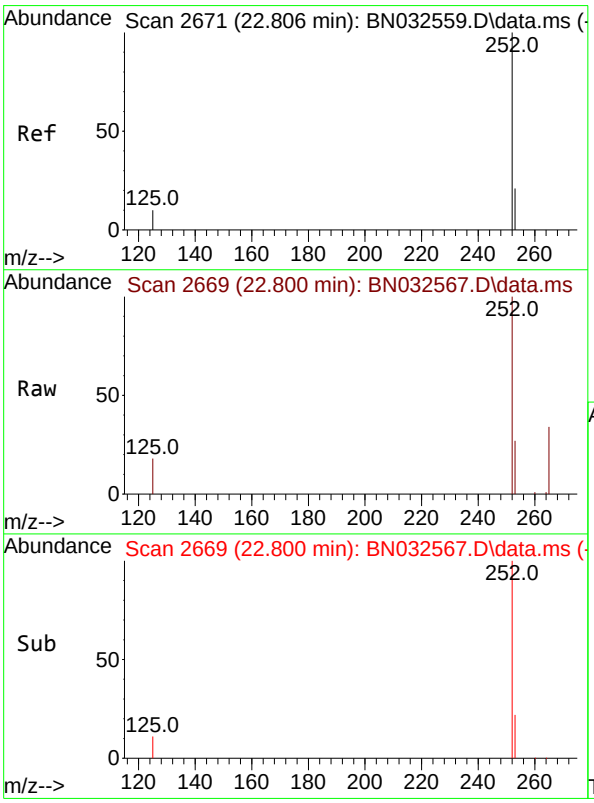
#37
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.756 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:252 Resp: 25060

Ion	Ratio	Lower	Upper
252	100		
253	26.6	22.2	33.4
125	17.7	15.4	23.0

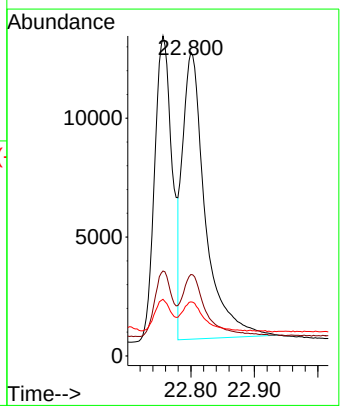


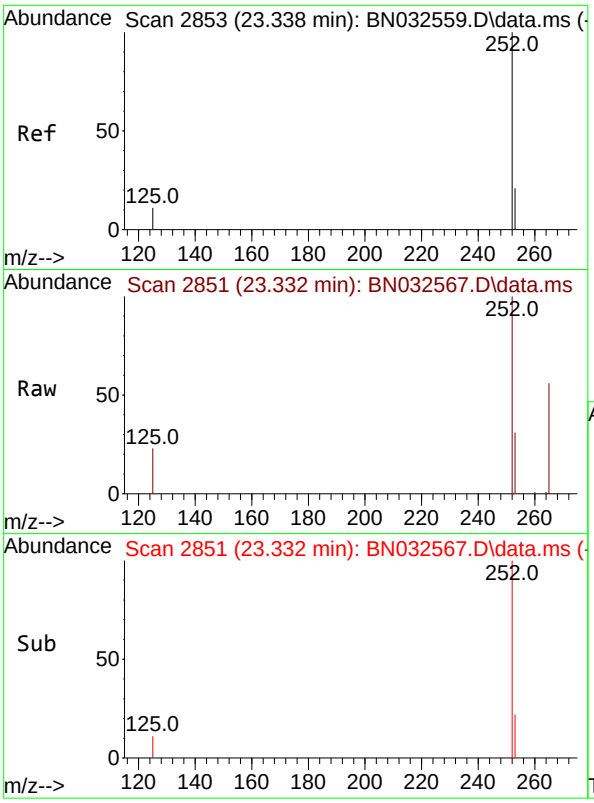


#38
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.800 min Scan# 2669
Delta R.T. -0.006 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:252 Resp: 30090

Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.9	32.9
125	17.8	15.3	22.9



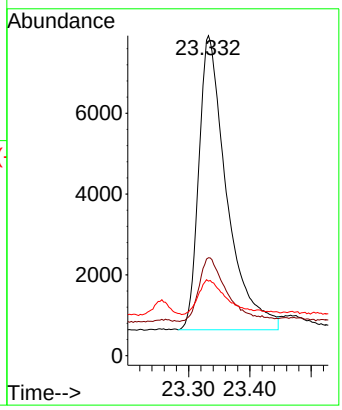


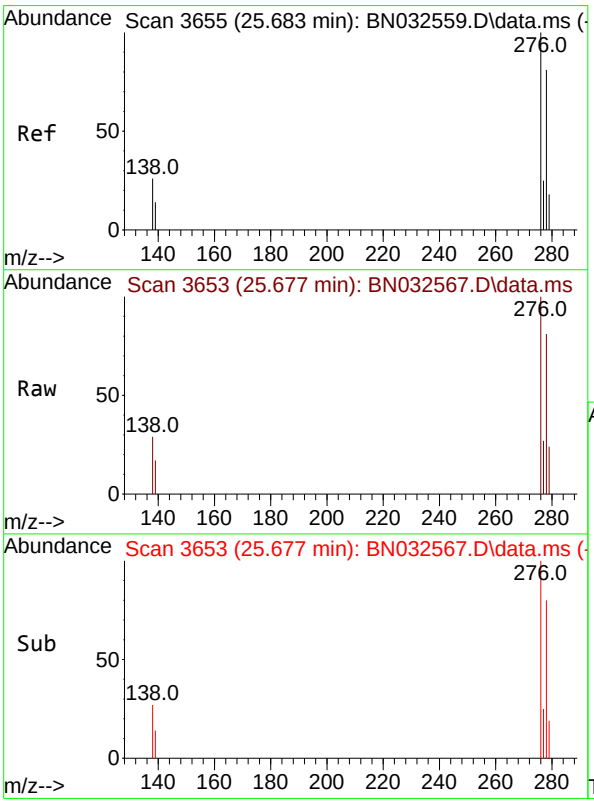
#39
Benzo(a)pyrene
Concen: 0.371 ng
RT: 23.332 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:252 Resp: 22999

Ion	Ratio	Lower	Upper
252	100		
253	30.6	25.5	38.3
125	23.3	20.7	31.1

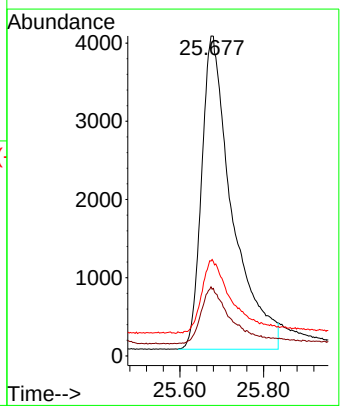


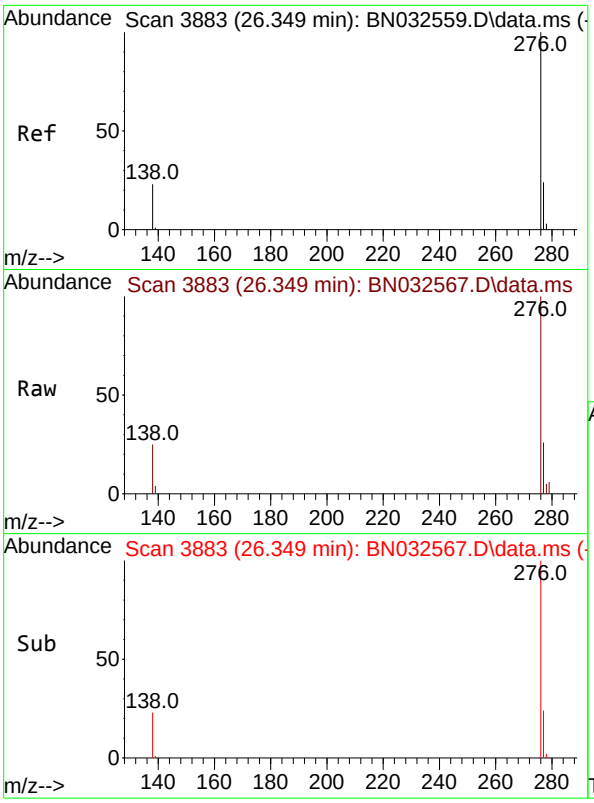


#40
Dibenzo(a,h)anthracene
Concen: 0.341 ng
RT: 25.677 min Scan# 3653
Delta R.T. -0.006 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Tgt Ion:278 Resp: 20302

Ion	Ratio	Lower	Upper
278	100		
139	20.8	17.8	26.6
279	30.1	24.4	36.6





#41
Benzo(g,h,i)perylene
Concen: 0.353 ng
RT: 26.349 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN032567.D
Acq: 09 Jul 2024 01:52

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Tgt Ion:276 Resp: 22898

Ion	Ratio	Lower	Upper
276	100		
277	25.8	21.5	32.3
138	25.1	21.4	32.0