Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033494.D
Acq On : 20 Aug 2024 07:44
Operator : MA/JU
Sample : PB162787BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Quant Time: Aug 20 09:06:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	6965	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	17427	0.400	ng	0.00
13) Acenaphthene-d10	14.189	164	7934	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	14715	0.400	ng	0.00
29) Chrysene-d12	21.148	240	9170	0.400	ng	0.00
35) Perylene-d12	23.317	264	9473	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	6074	0.274	ng	0.00
5) Phenol-d6	6.736	99	6991	0.265	ng	0.00
8) Nitrobenzene-d5	8.681	82	5033	0.348	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	10912	0.438	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	986	0.231	ng	0.00
15) 2-Fluorobiphenyl	12.810	172	12283	0.379	ng	0.00
27) Fluoranthene-d10	18.980	212	11658	0.330	ng	0.00
31) Terphenyl-d14	19.593	244	7758	0.372	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	2487	0.310	ng	# 53
3) n-Nitrosodimethylamine	3.479	42	3544	0.380	ng	87
6) bis(2-Chloroethyl)ether	6.989	93	7177	0.384	ng	97
9) Naphthalene	10.357	128	17789	0.382	ng	100
10) Hexachlorobutadiene	10.667	225	3506	0.377	ng	# 98
12) 2-Methylnaphthalene	11.986	142	10840	0.368	ng	99
16) Acenaphthylene	13.900	152	12952	0.372	ng	99
17) Acenaphthene	14.253	154	9305	0.380	ng	98
18) Fluorene	15.247	166	10905	0.353	ng	100
20) 4,6-Dinitro-2-methylph...	15.322	198	686	0.299	ng	99
21) 4-Bromophenyl-phenylether	16.147	248	3332	0.373	ng	94
22) Hexachlorobenzene	16.247	284	3822	0.387	ng	98
23) Atrazine	16.420	200	2291	0.321	ng	98
24) Pentachlorophenol	16.594	266	2566	0.600	ng	97
25) Phenanthrene	16.979	178	16075	0.393	ng	100
26) Anthracene	17.066	178	13581	0.375	ng	99
28) Fluoranthene	19.007	202	15723	0.348	ng	99
30) Pyrene	19.374	202	15909	0.389	ng	100
32) Benzo(a)anthracene	21.130	228	13755	0.415	ng	99
33) Chrysene	21.184	228	15055	0.457	ng	100
34) Bis(2-ethylhexyl)phtha...	21.095	149	6291	0.300	ng	98
36) Indeno(1,2,3-cd)pyrene	25.472	276	19303	0.491	ng	100
37) Benzo(b)fluoranthene	22.671	252	15472	0.437	ng	98
38) Benzo(k)fluoranthene	22.715	252	14961	0.430	ng	98
39) Benzo(a)pyrene	23.224	252	13321	0.455	ng	98
40) Dibenzo(a,h)anthracene	25.490	278	15187	0.483	ng	97
41) Benzo(g,h,i)perylene	26.121	276	15696	0.467	ng	100

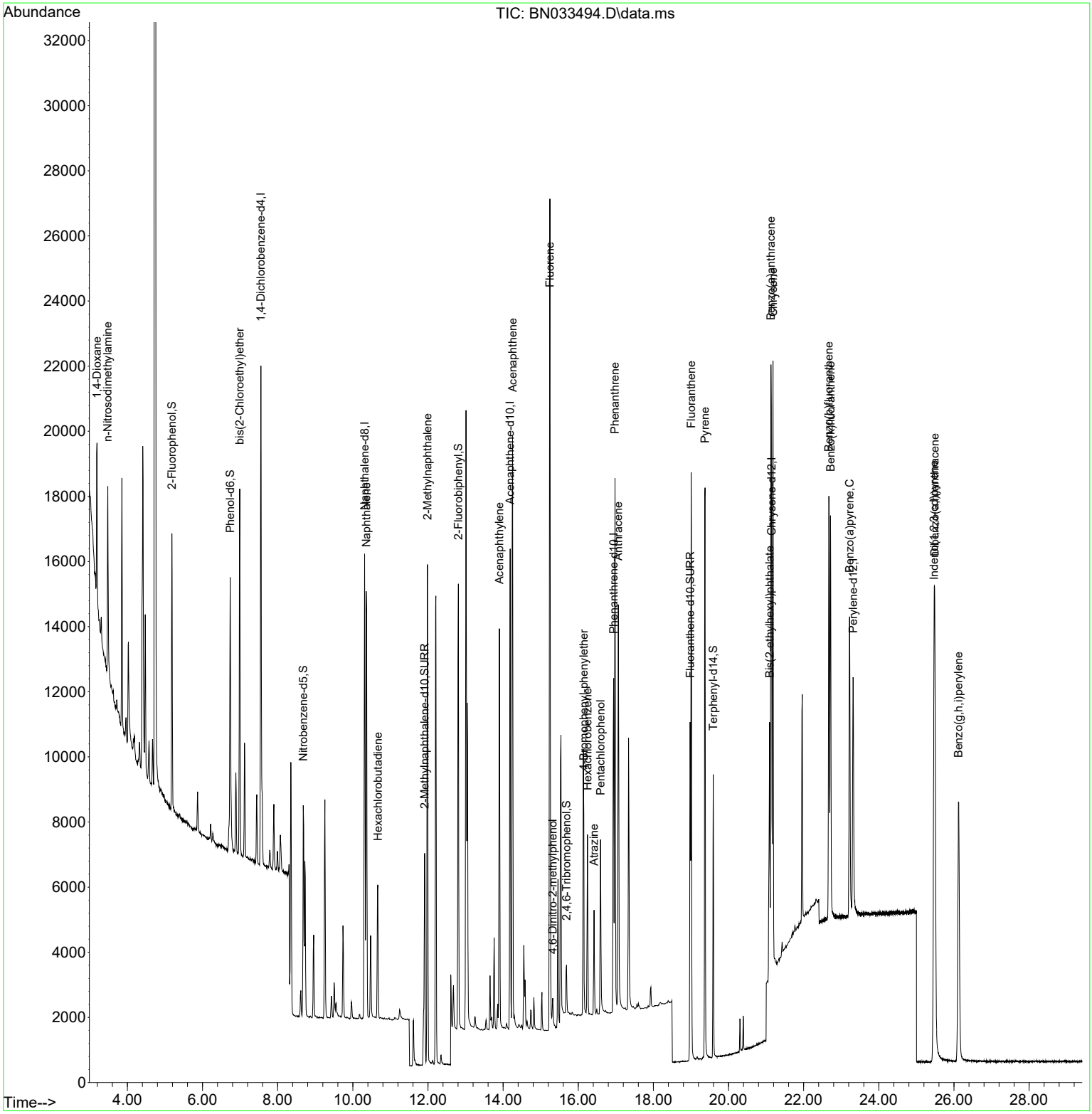
(#) = qualifier out of range (m) = manual integration (+) = signals summed

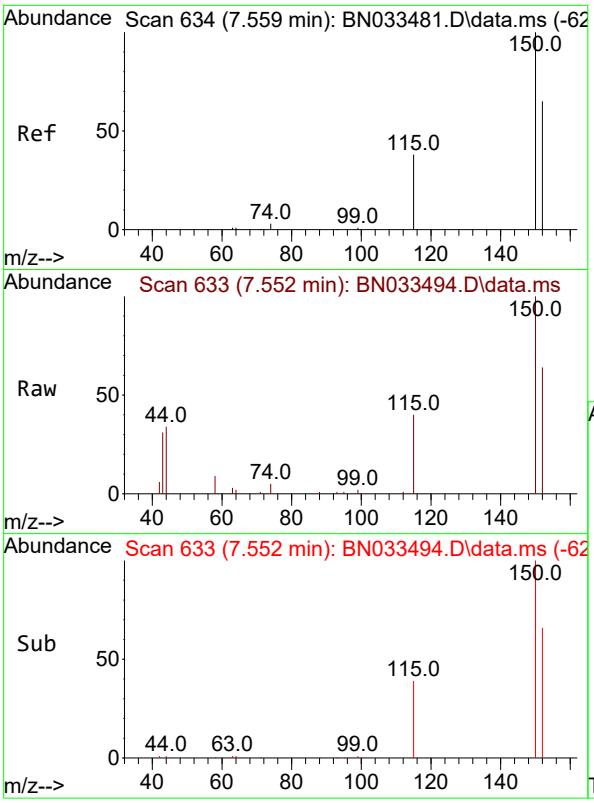
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033494.D
Acq On : 20 Aug 2024 07:44
Operator : MA/JU
Sample : PB162787BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Quant Time: Aug 20 09:06:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration



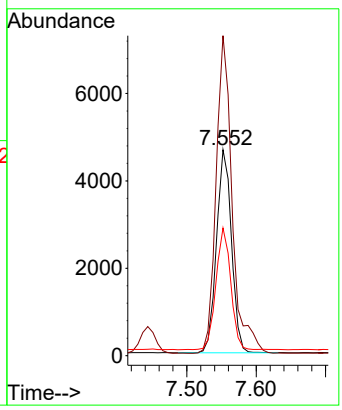


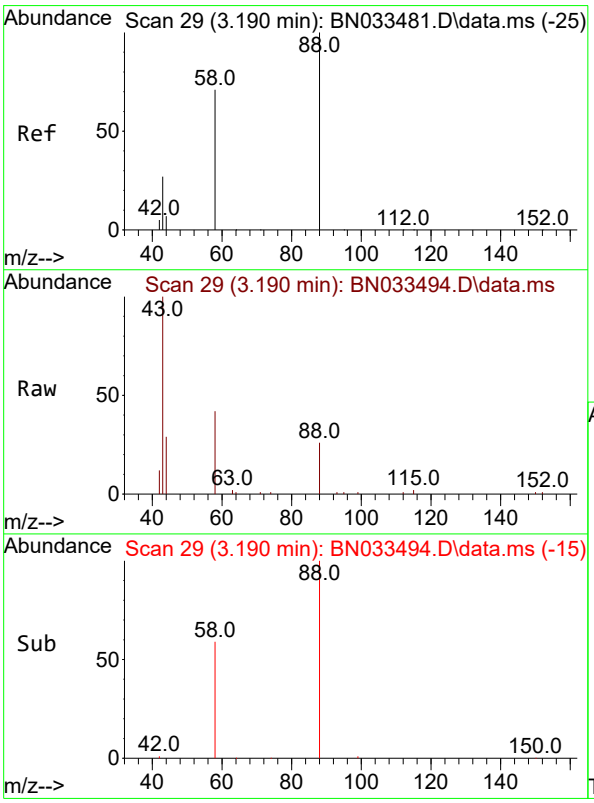
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:152 Resp: 6965

Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.2	183.2
115	62.0	47.2	70.8

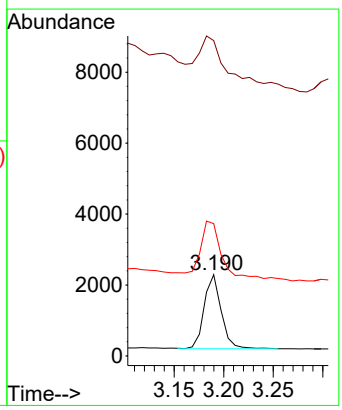


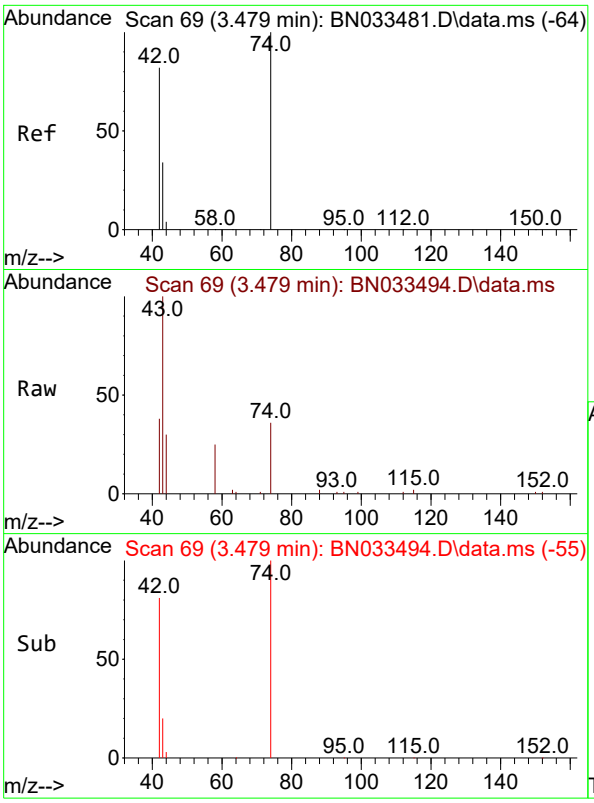


#2
1,4-Dioxane
Concen: 0.310 ng
RT: 3.190 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion: 88 Resp: 2487

Ion	Ratio	Lower	Upper
88	100		
43	99.6	25.0	37.4#
58	92.8	62.5	93.7



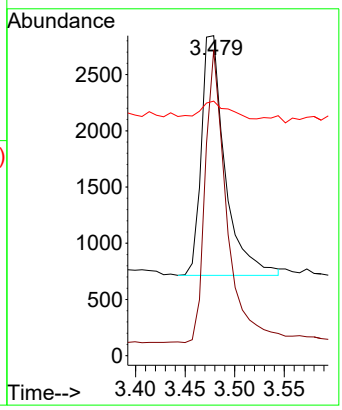


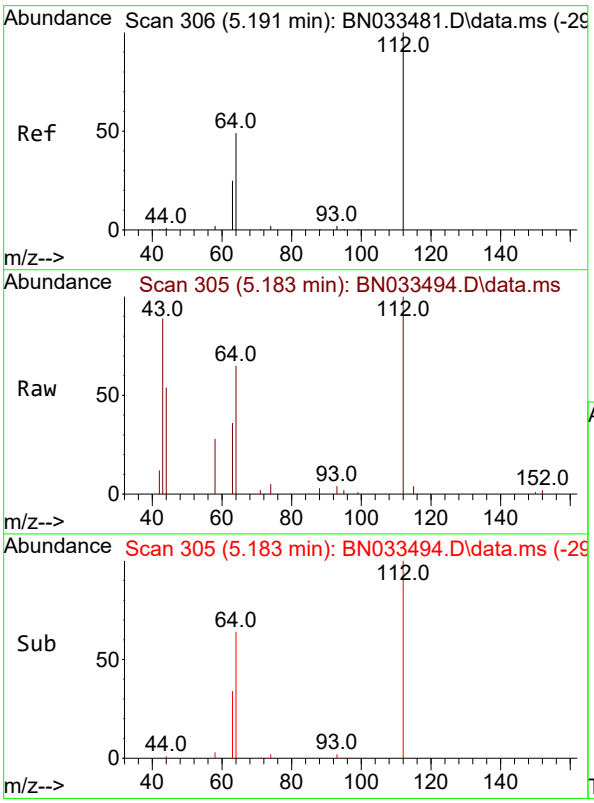
#3
n-Nitrosodimethylamine
Concen: 0.380 ng
RT: 3.479 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion: 42 Resp: 3544

Ion	Ratio	Lower	Upper
42	100		
74	109.9	100.2	150.2
44	7.8	5.3	7.9

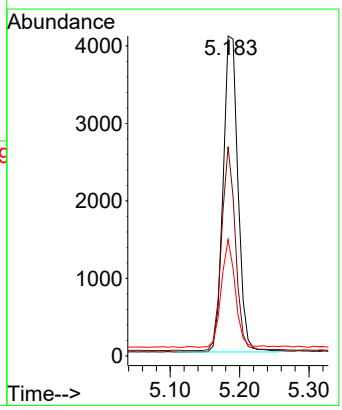


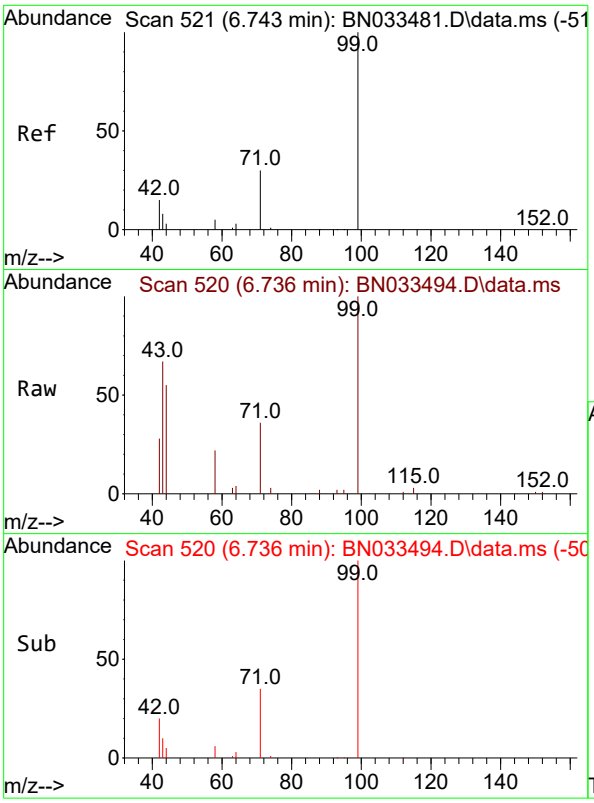


#4
2-Fluorophenol
Concen: 0.274 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:112 Resp: 6074

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.1	70.7
63	31.7	24.9	37.3



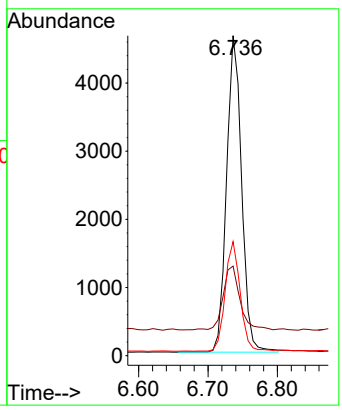


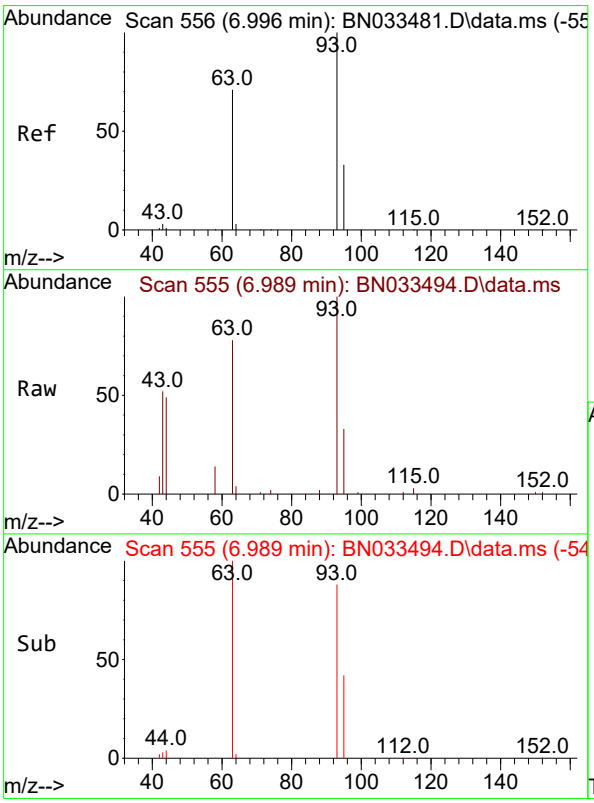
#5
Phenol-d6
Concen: 0.265 ng
RT: 6.736 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion: 99 Resp: 6991

Ion	Ratio	Lower	Upper
99	100		
42	22.4	16.6	24.8
71	34.8	26.2	39.4

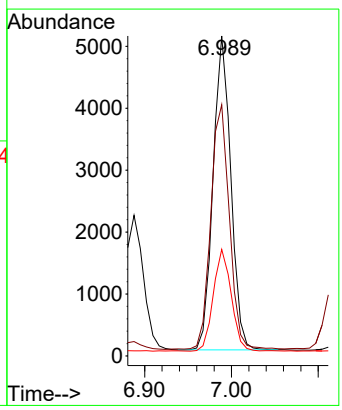


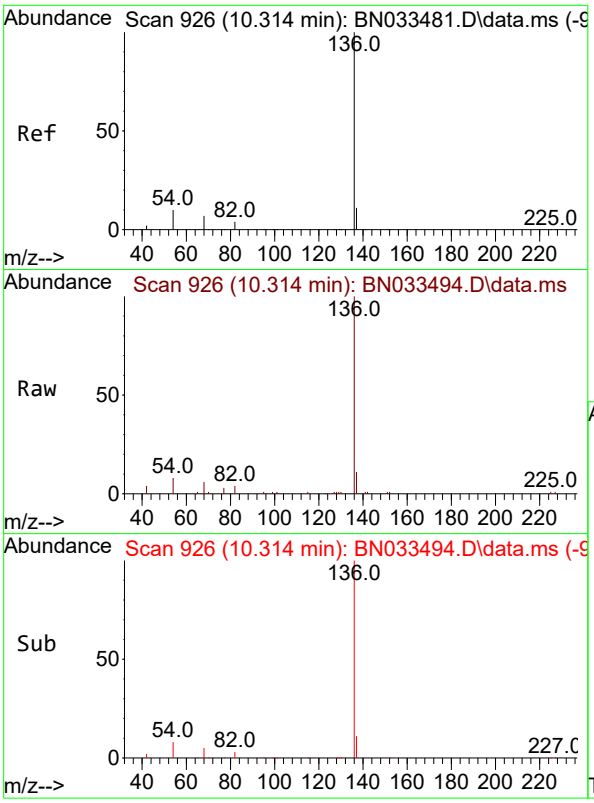


#6
bis(2-Chloroethyl)ether
Concen: 0.384 ng
RT: 6.989 min Scan# 555
Delta R.T. -0.007 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion: 93 Resp: 7177

Ion	Ratio	Lower	Upper
93	100		
63	81.8	63.0	94.4
95	32.9	26.0	39.0



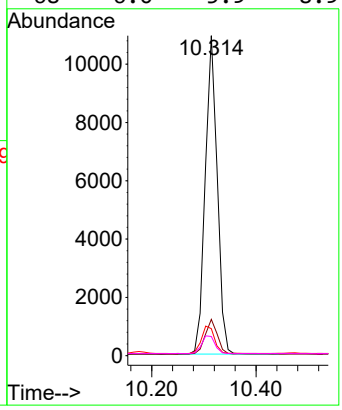


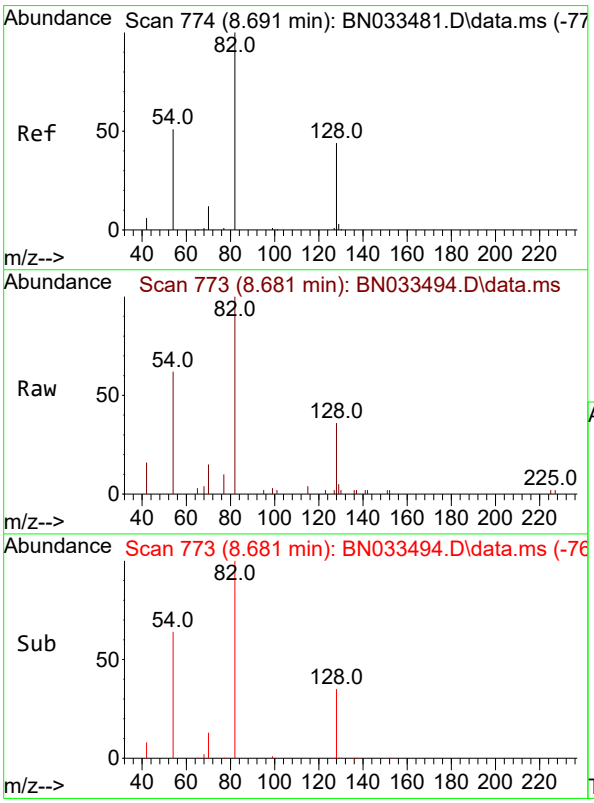
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:136 Resp: 17427

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.5	8.3	12.5
68	6.0	5.9	8.9

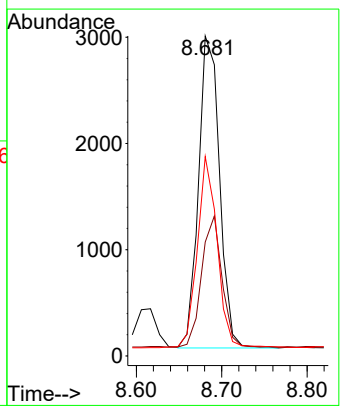


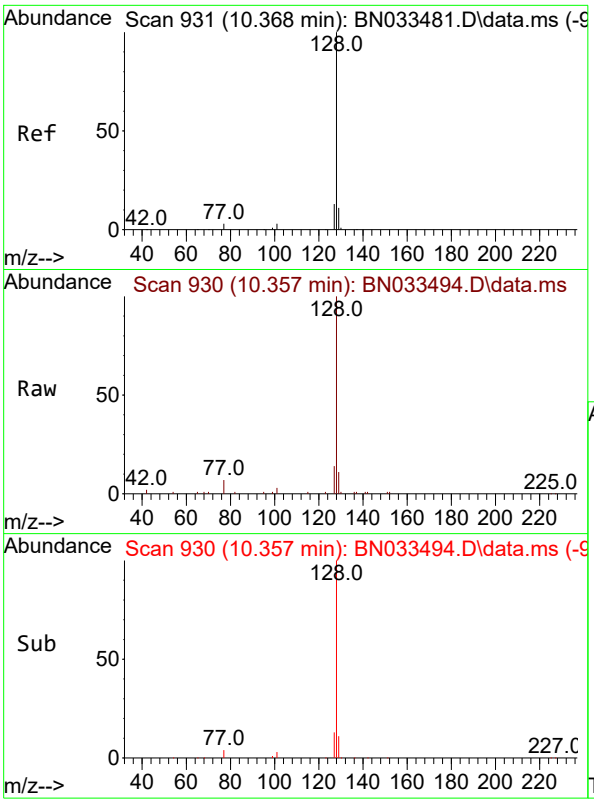


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion: 82 Resp: 5033

Ion	Ratio	Lower	Upper
82	100		
128	35.6	36.0	54.0#
54	62.3	42.0	63.0



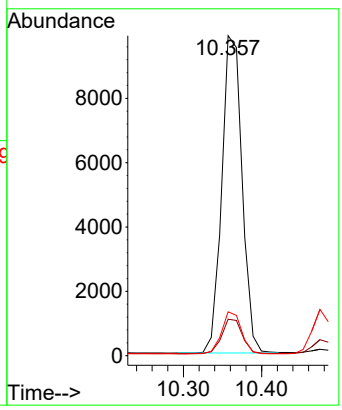


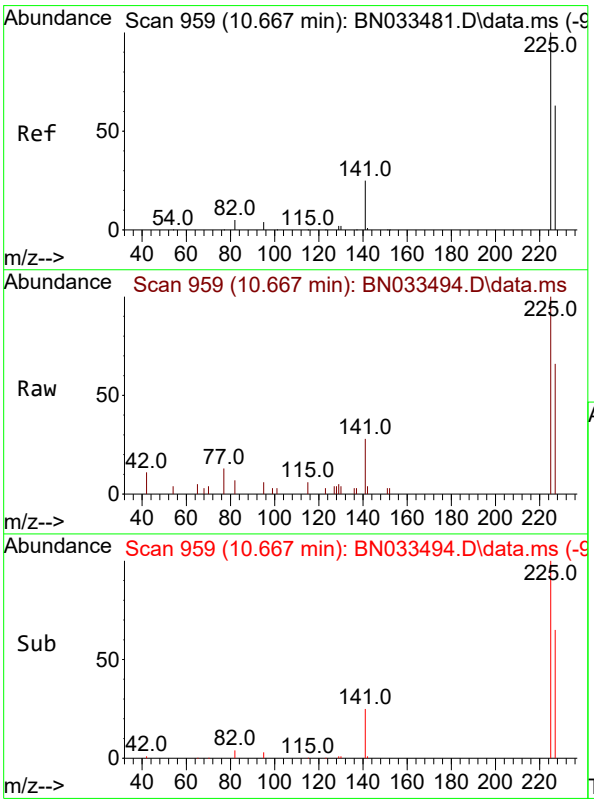
#9
Naphthalene
Concen: 0.382 ng
RT: 10.357 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:128 Resp: 17789

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.7	10.7	16.1

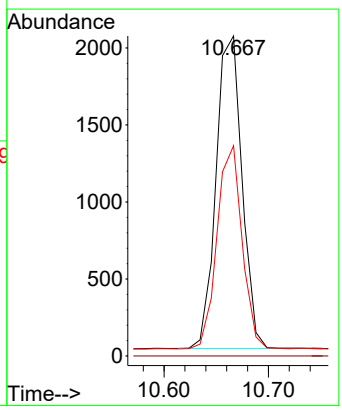


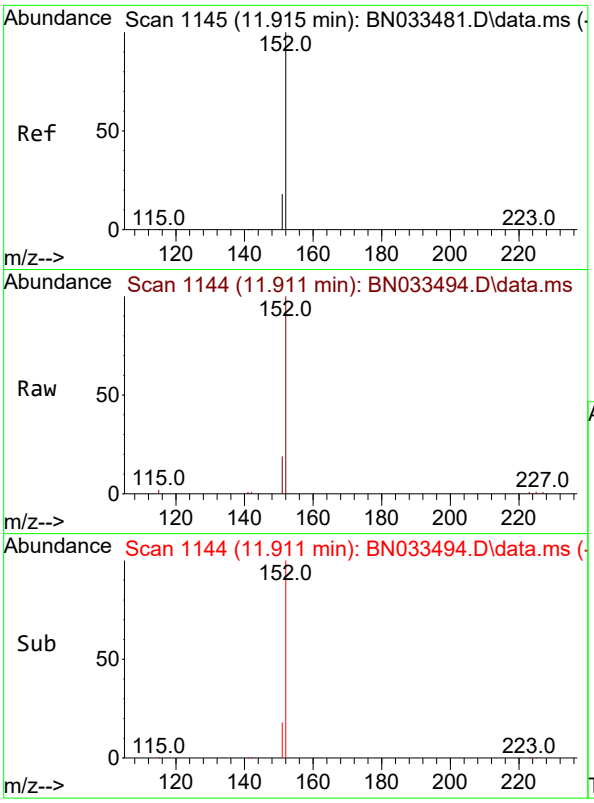


#10
Hexachlorobutadiene
Concen: 0.377 ng
RT: 10.667 min Scan# 959
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:225 Resp: 3506

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.6	51.2	76.8



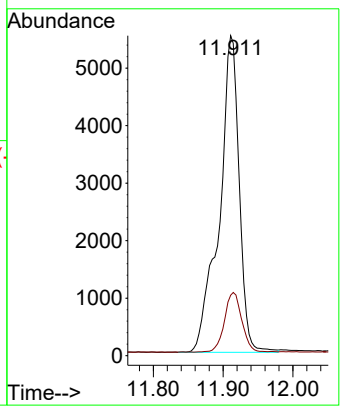


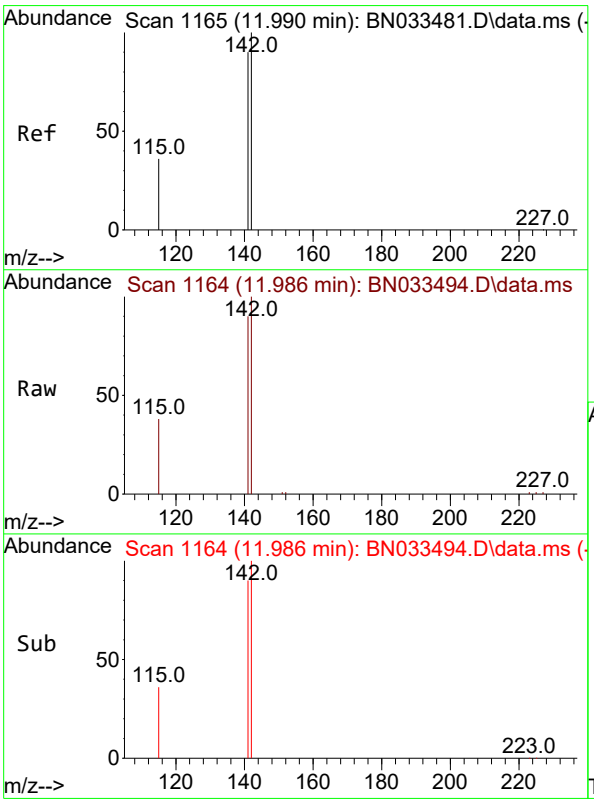
#11
2-Methylnaphthalene-d10
Concen: 0.438 ng
RT: 11.911 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:152 Resp: 10912

Ion	Ratio	Lower	Upper
152	100		
151	16.6	16.6	25.0#

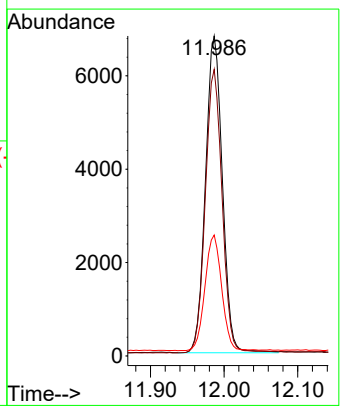


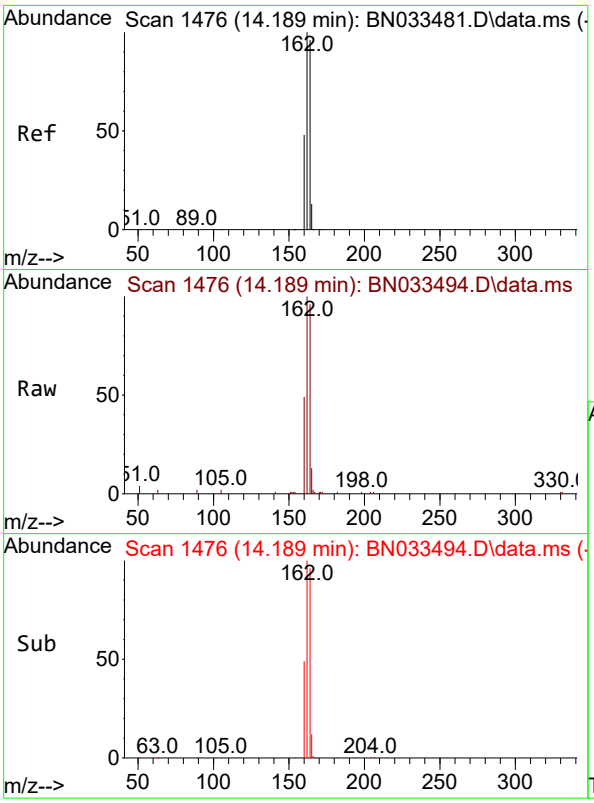


#12
2-Methylnaphthalene
Concen: 0.368 ng
RT: 11.986 min Scan# 1164
Delta R.T. -0.004 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:142 Resp: 10840

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.7	107.5
115	37.8	29.4	44.2



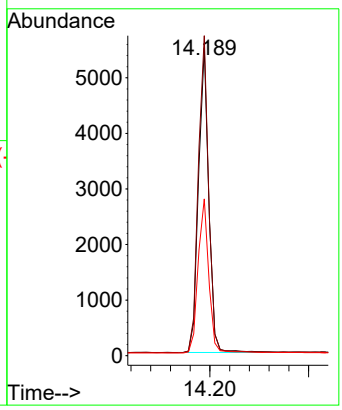


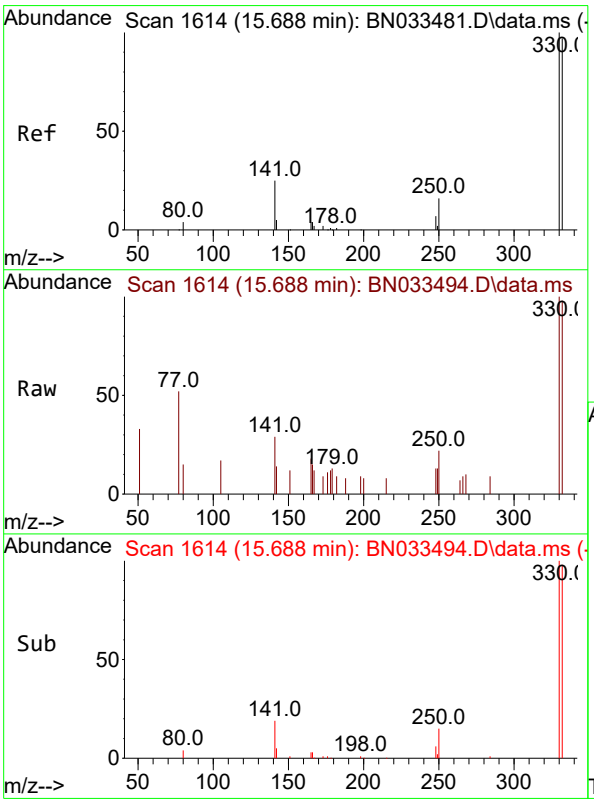
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:164 Resp: 7934

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.5	125.3
160	50.9	40.2	60.4

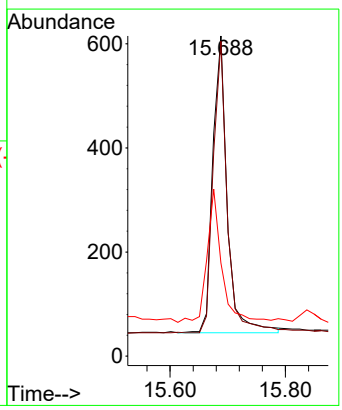


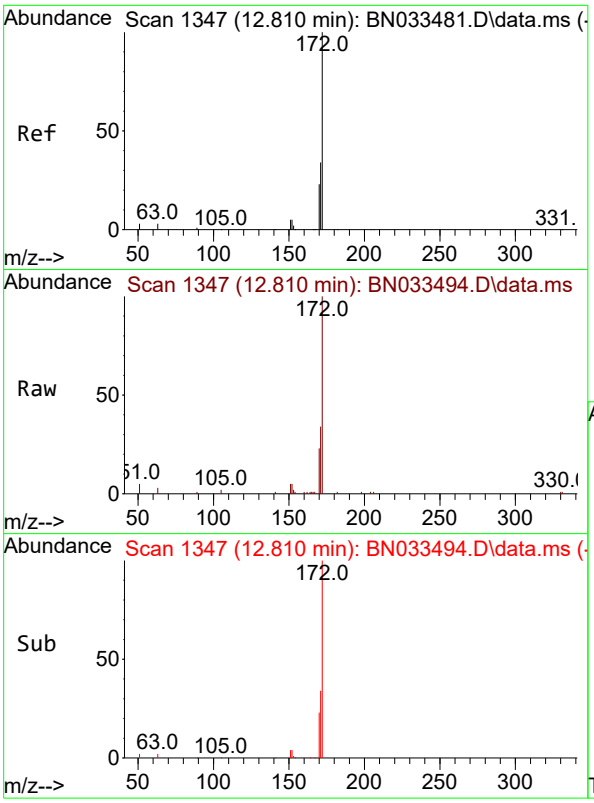


#14
2,4,6-Tribromophenol
Concen: 0.231 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:330 Resp: 986

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.5	116.3
141	45.4	33.9	50.9



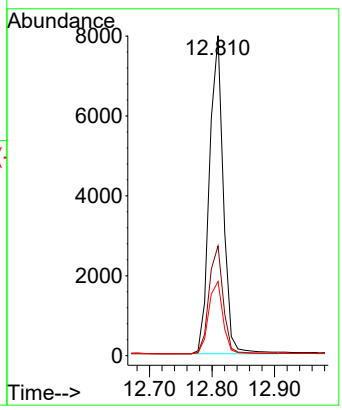


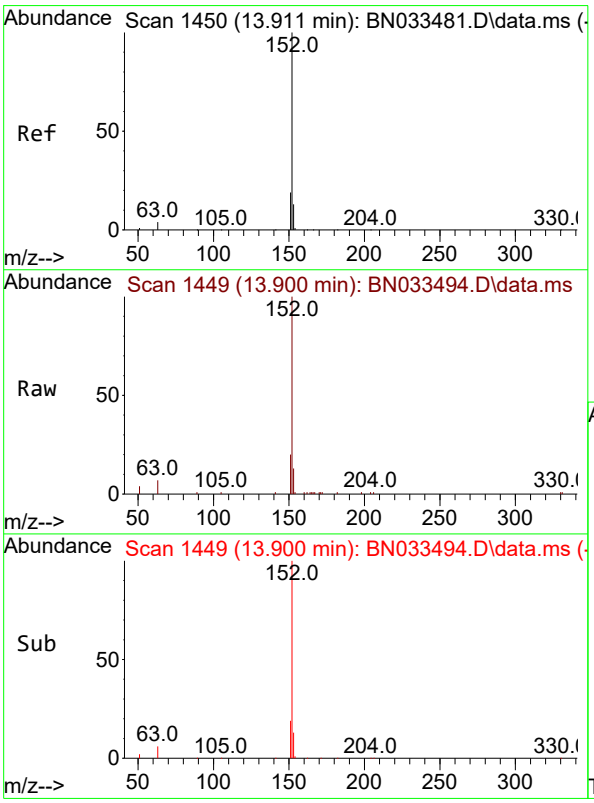
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:172 Resp: 12283

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.7	41.5
170	23.2	18.3	27.5

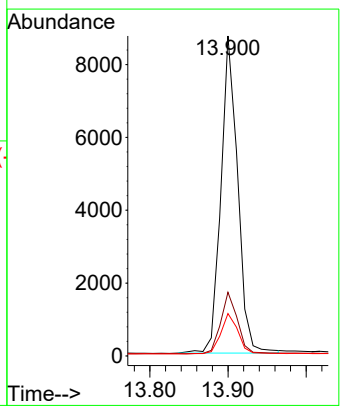


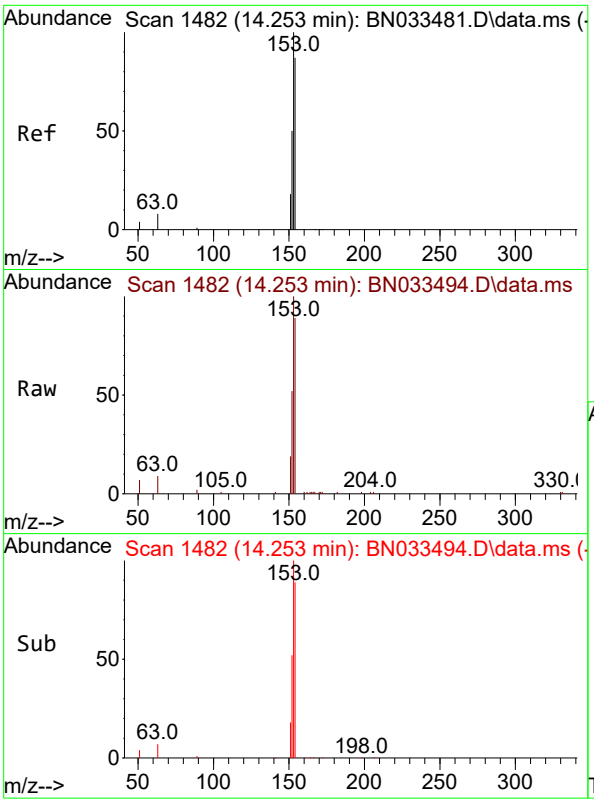


#16
Acenaphthylene
Concen: 0.372 ng
RT: 13.900 min Scan# 1449
Delta R.T. -0.011 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:152 Resp: 12952

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	12.9	10.3	15.5



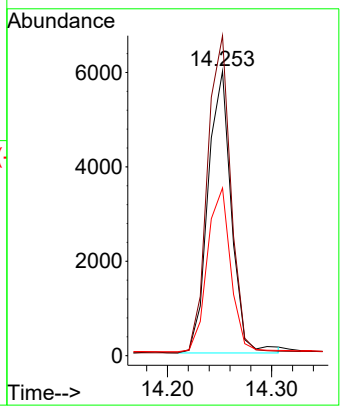


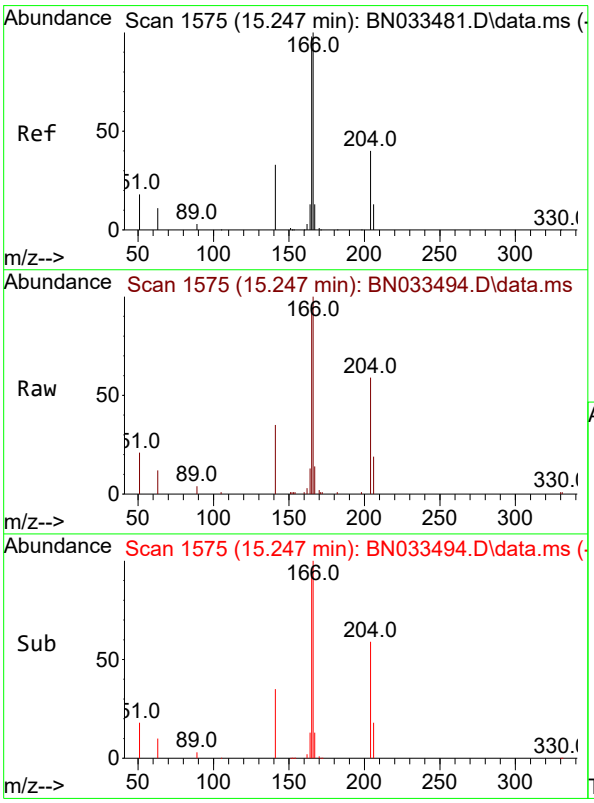
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.253 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:154 Resp: 9305

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.0	133.6
152	58.2	45.2	67.8

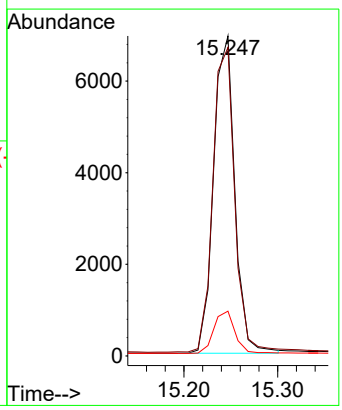


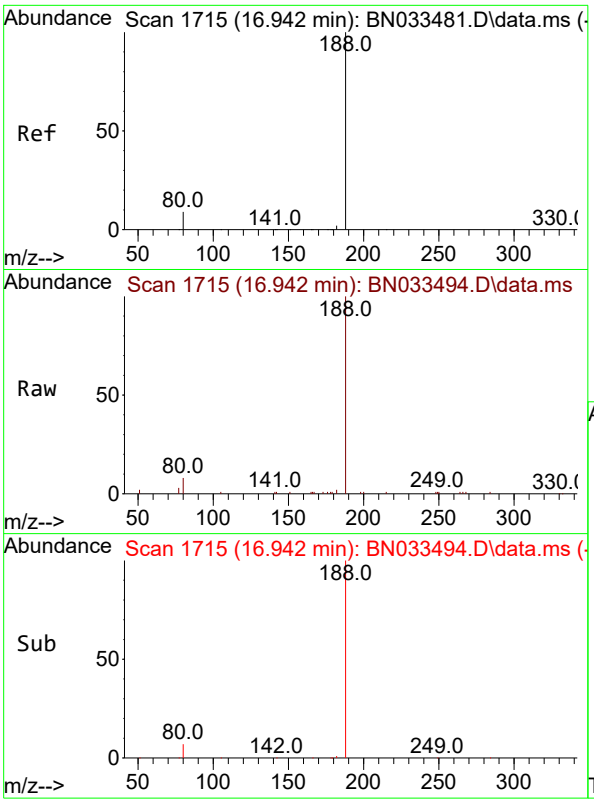


#18
Fluorene
Concen: 0.353 ng
RT: 15.247 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:166 Resp: 10905

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.4
167	13.3	10.6	16.0



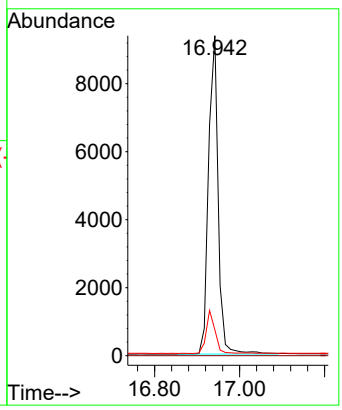


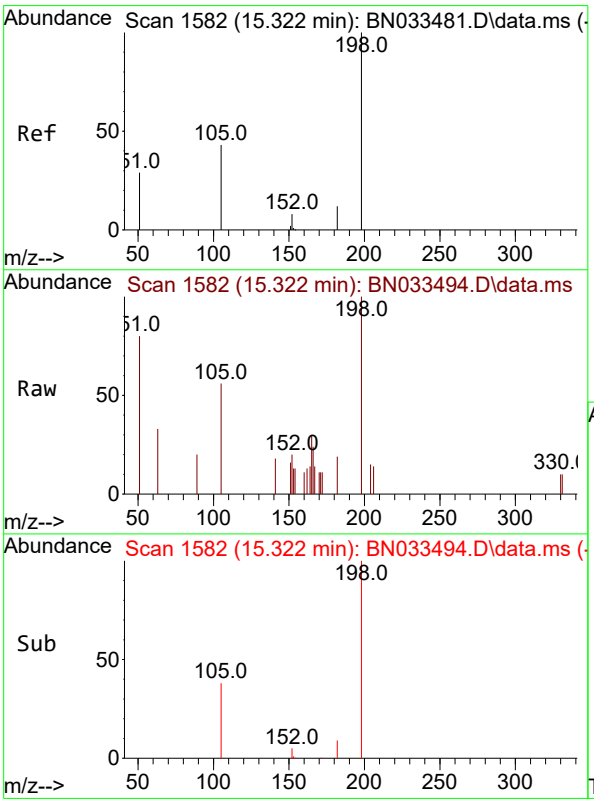
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:188 Resp: 14715

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.8	11.8

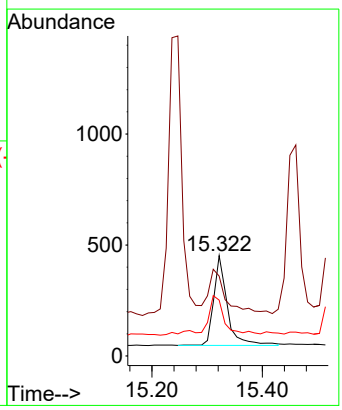


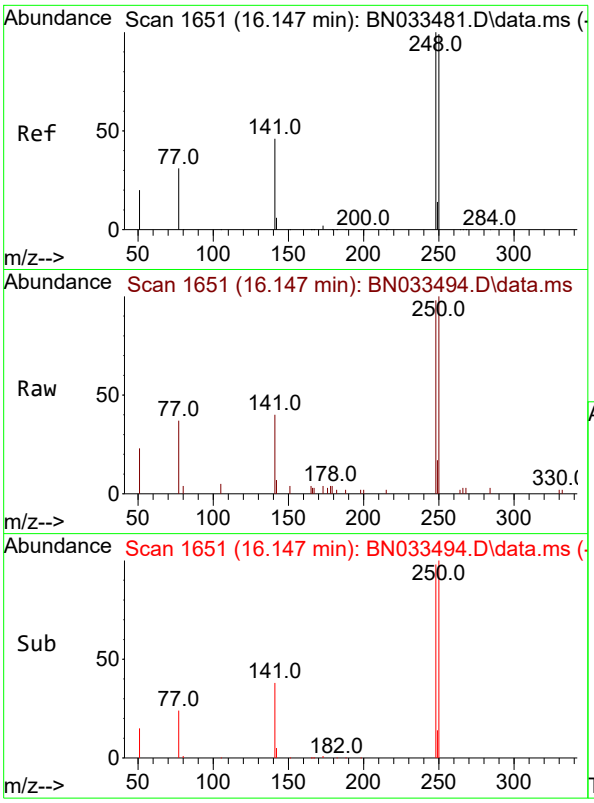


#20
4,6-Dinitro-2-methylphenol
Concen: 0.299 ng
RT: 15.322 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:198 Resp: 686

Ion	Ratio	Lower	Upper
198	100		
51	79.6	65.1	97.7
105	55.8	44.8	67.2



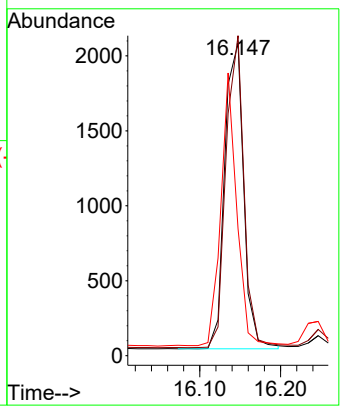


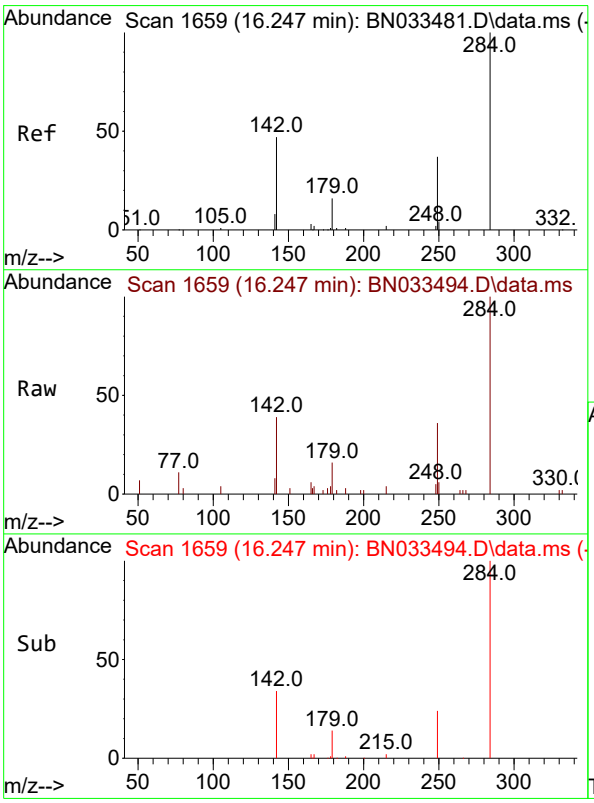
#21
4-Bromophenyl-phenylether
Concen: 0.373 ng
RT: 16.147 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:248 Resp: 3332

Ion	Ratio	Lower	Upper
248	100		
250	102.4	79.2	118.8
141	40.7	37.9	56.9

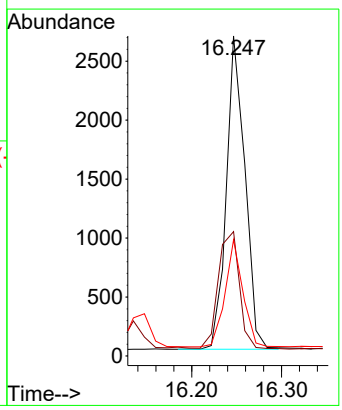


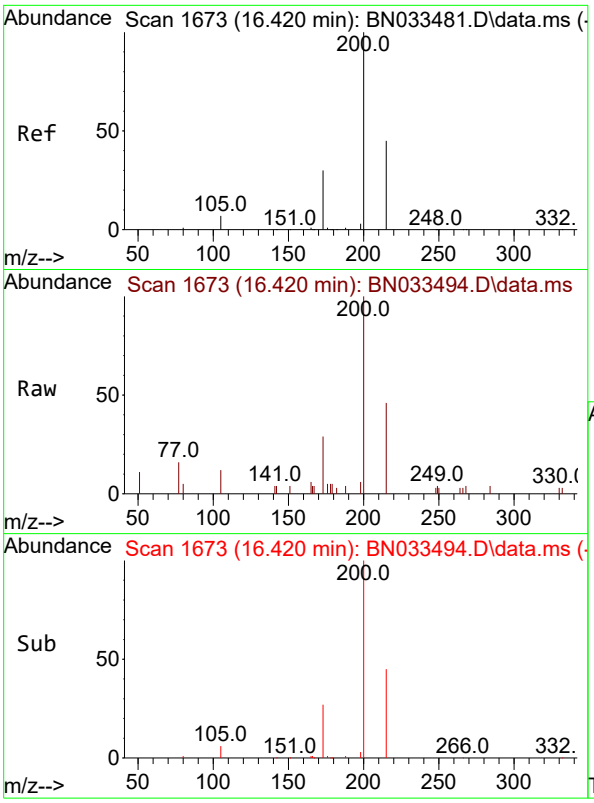


#22
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.247 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:284 Resp: 3822

Ion	Ratio	Lower	Upper
284	100		
142	42.2	31.8	47.6
249	32.5	26.0	39.0



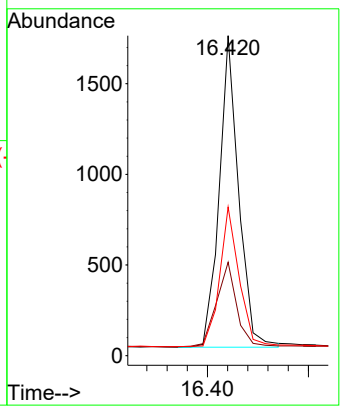


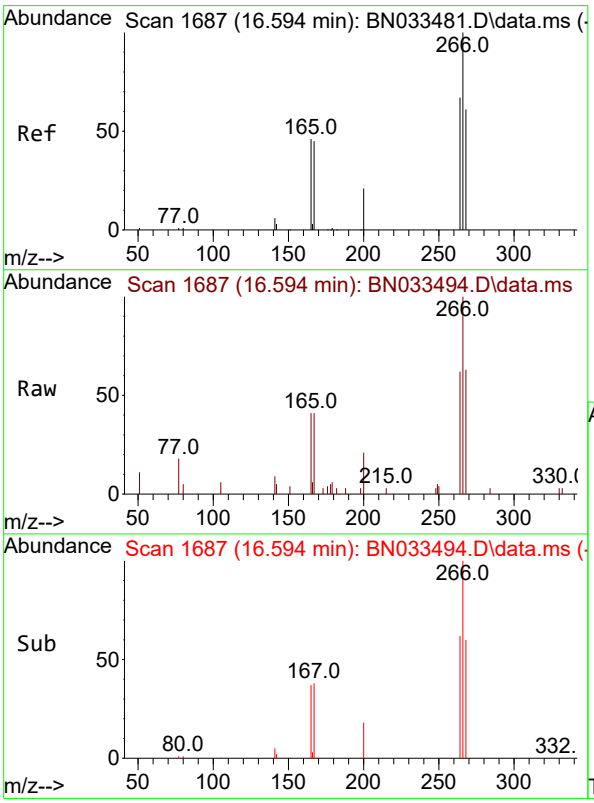
#23
Atrazine
Concen: 0.321 ng
RT: 16.420 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:200 Resp: 2291

Ion	Ratio	Lower	Upper
200	100		
173	29.2	25.3	37.9
215	46.5	36.6	54.8

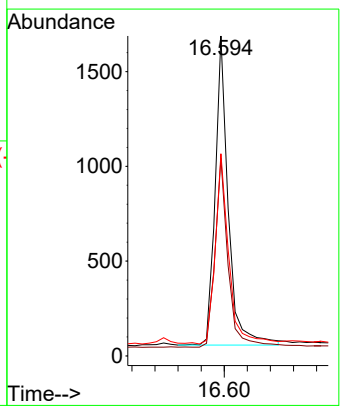


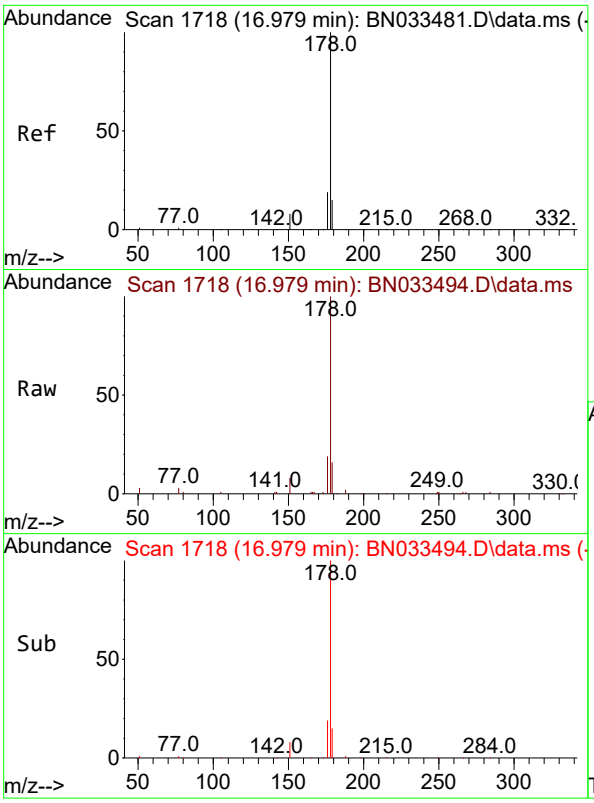


#24
Pentachlorophenol
Concen: 0.600 ng
RT: 16.594 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:266 Resp: 2566

Ion	Ratio	Lower	Upper
266	100		
264	61.0	51.9	77.9
268	62.5	51.0	76.4



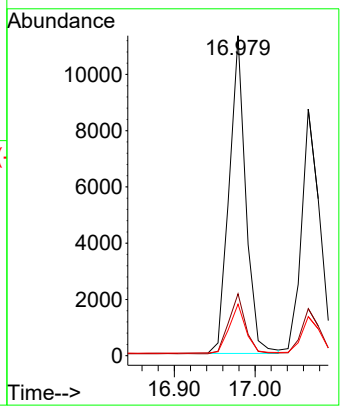


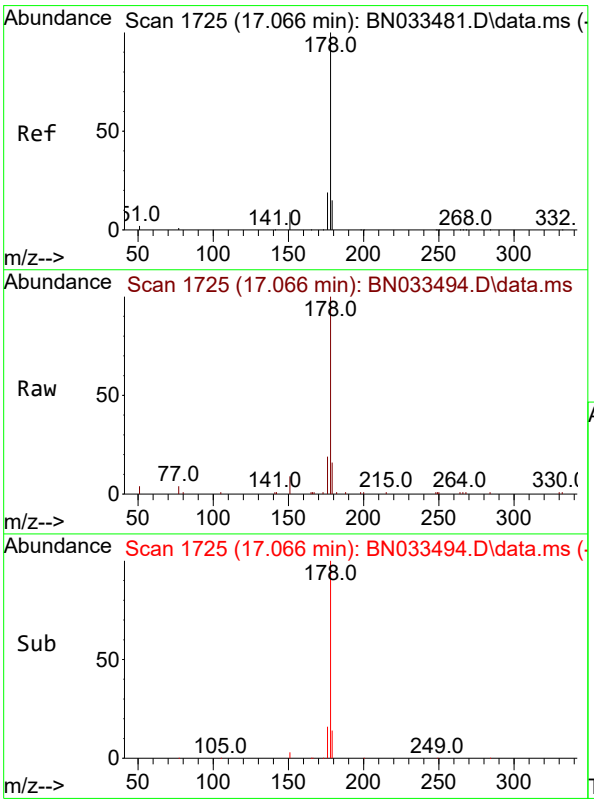
#25
Phenanthrene
Concen: 0.393 ng
RT: 16.979 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:178 Resp: 16075

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.6	12.3	18.5

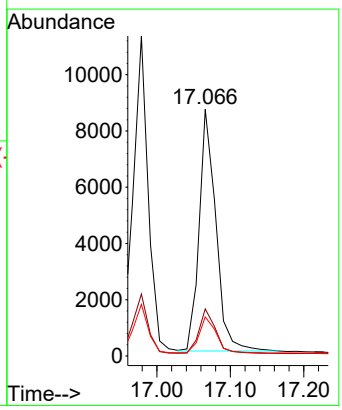


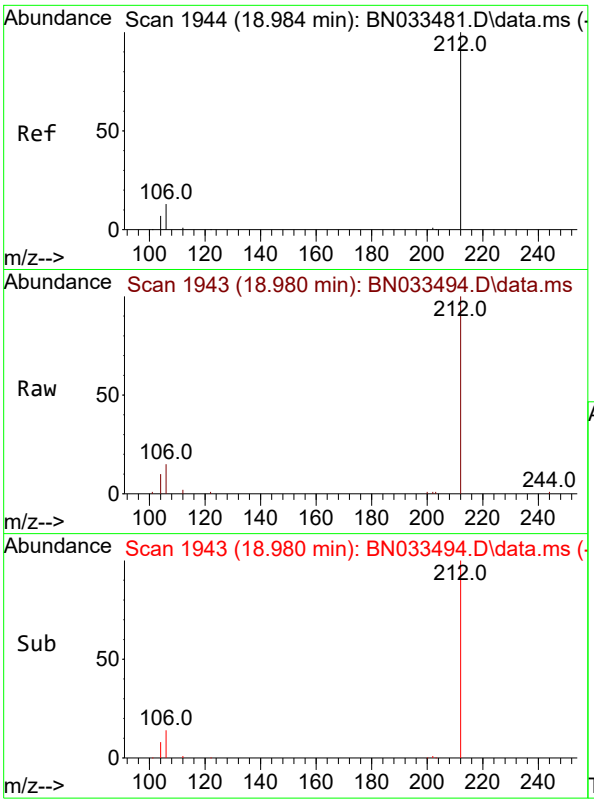


#26
Anthracene
Concen: 0.375 ng
RT: 17.066 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:178 Resp: 13581

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.3	12.4	18.6



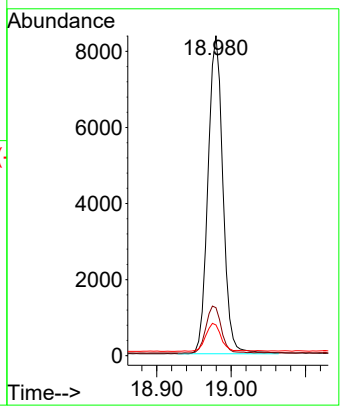


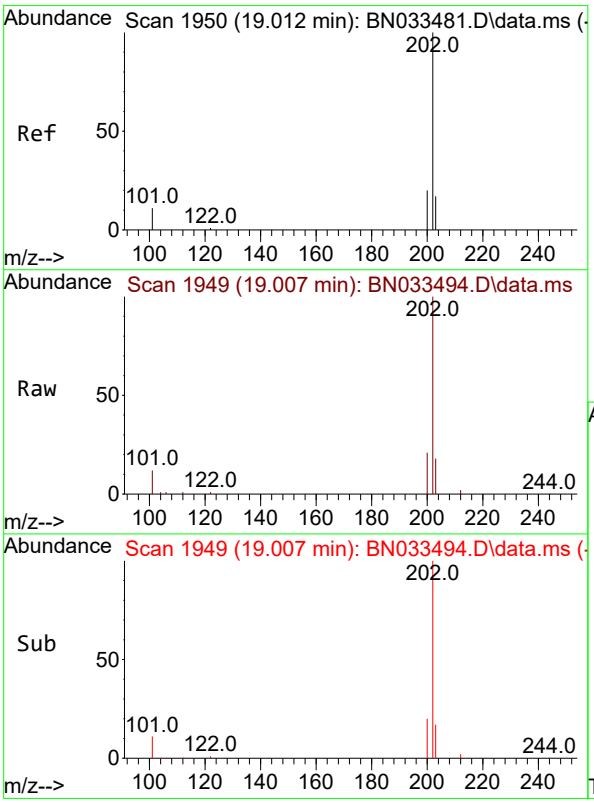
#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 18.980 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:212 Resp: 11658

Ion	Ratio	Lower	Upper
212	100		
106	15.4	12.3	18.5
104	9.0	7.0	10.4

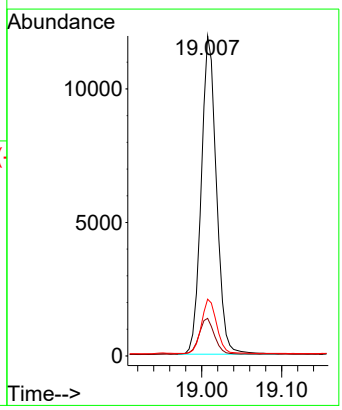


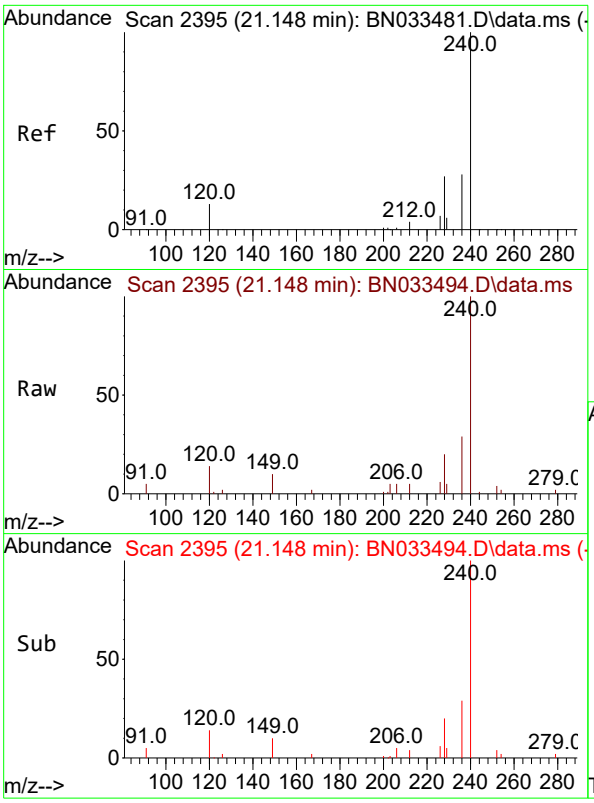


#28
Fluoranthene
Concen: 0.348 ng
RT: 19.007 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:202 Resp: 15723

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.5	14.3
203	16.9	13.8	20.6



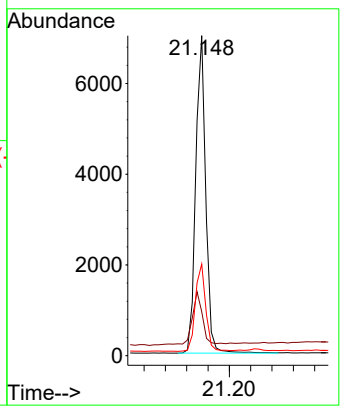


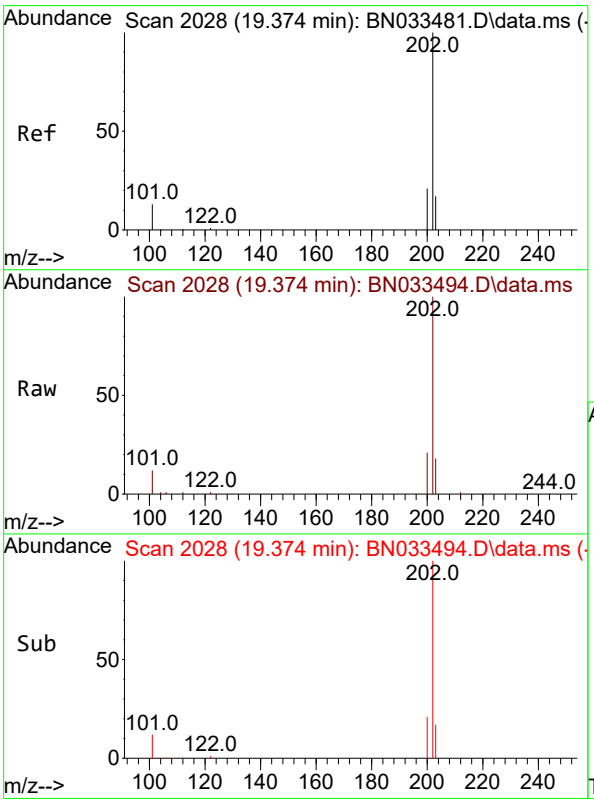
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:240 Resp: 9170

Ion	Ratio	Lower	Upper
240	100		
120	13.8	12.4	18.6
236	28.6	23.0	34.6

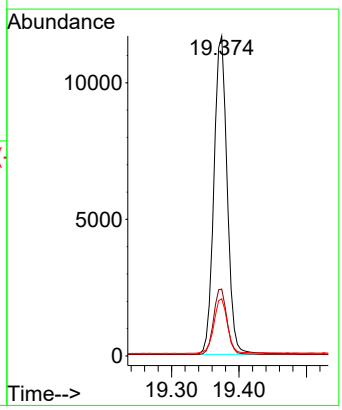


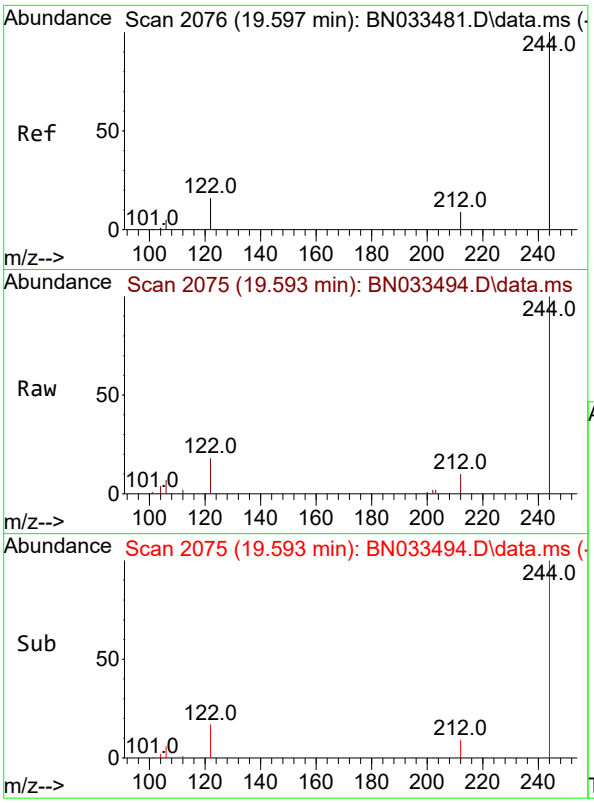


#30
Pyrene
Concen: 0.389 ng
RT: 19.374 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:202 Resp: 15909

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.6	14.2	21.4



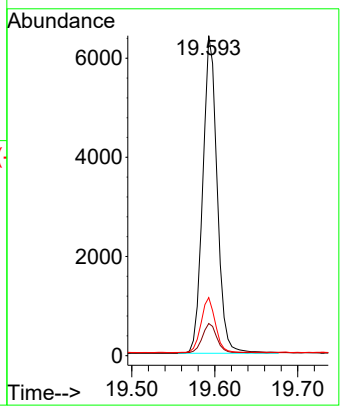


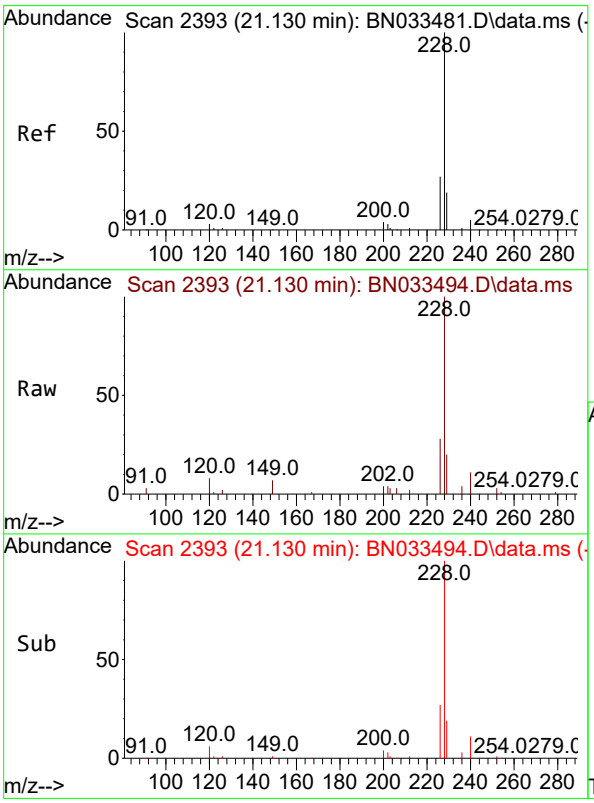
#31
Terphenyl-d14
Concen: 0.372 ng
RT: 19.593 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:244 Resp: 7758

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.8	11.6
122	18.1	13.3	19.9

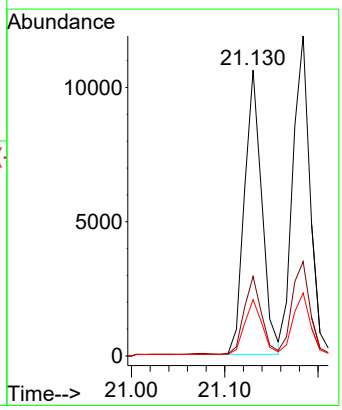


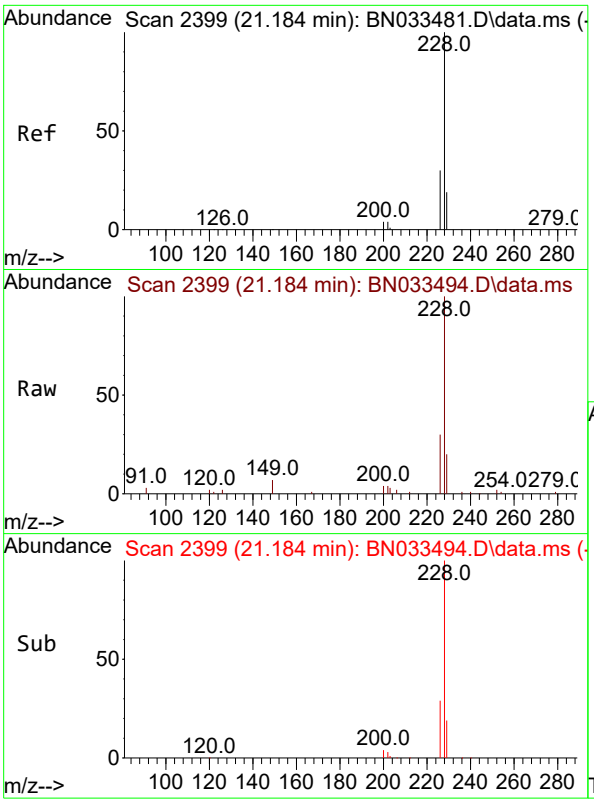


#32
Benzo(a)anthracene
Concen: 0.415 ng
RT: 21.130 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:228 Resp: 13755

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	19.7	15.8	23.6



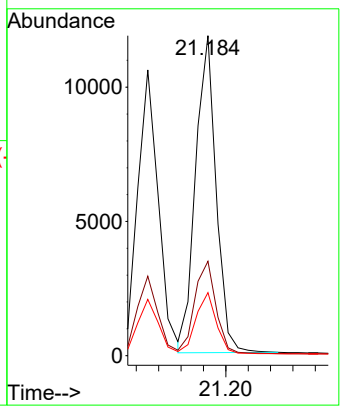


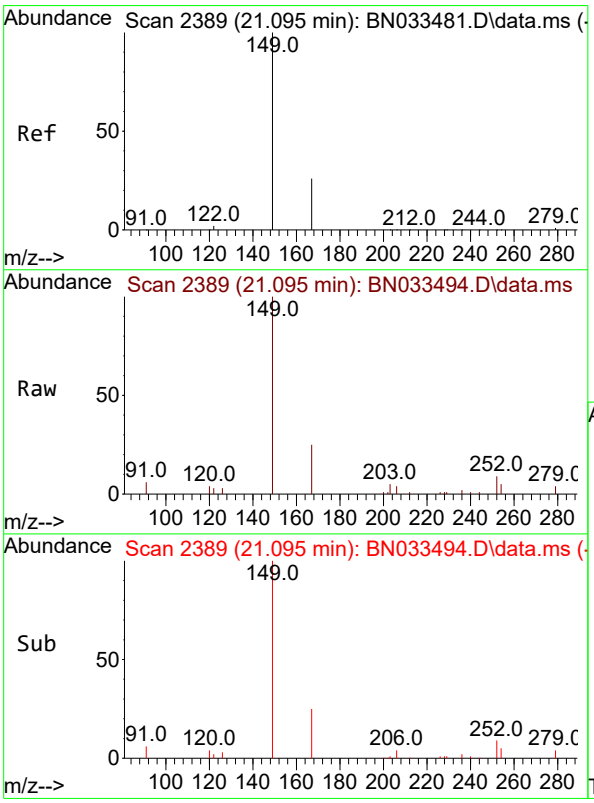
#33
Chrysene
Concen: 0.457 ng
RT: 21.184 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:228 Resp: 15055

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	19.7	15.6	23.4

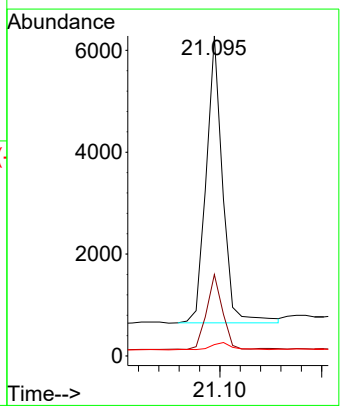


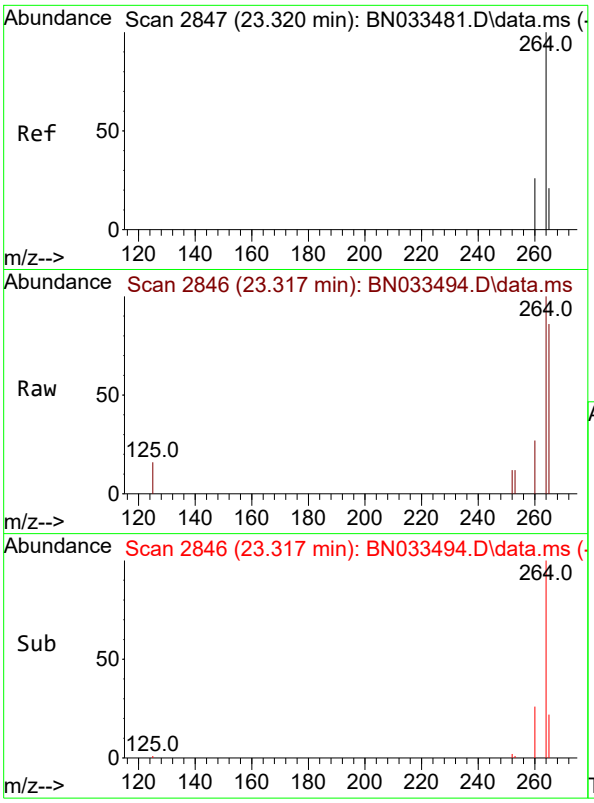


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.300 ng
RT: 21.095 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:149 Resp: 6291

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.5	32.3
279	2.9	2.2	3.2



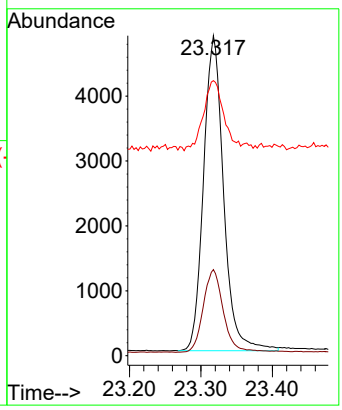


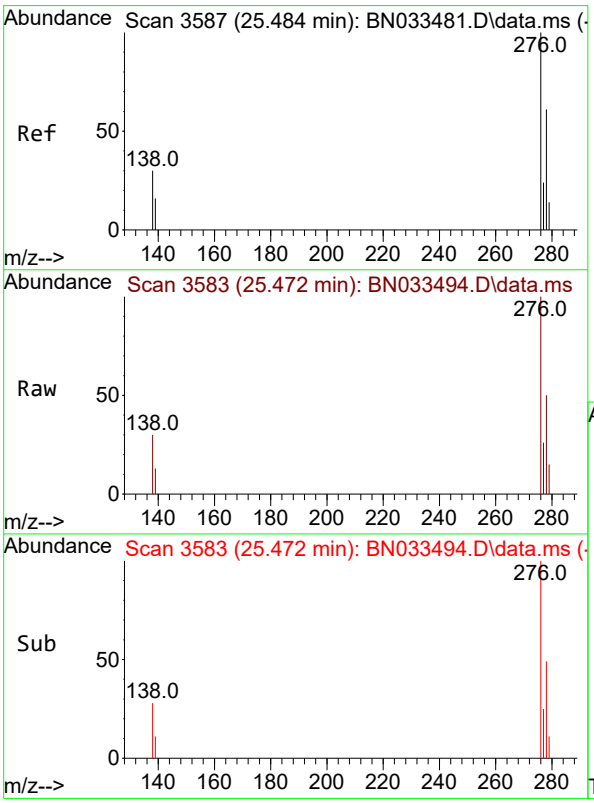
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.317 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:264 Resp: 9473

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.8	31.2
265	86.0	52.2	78.2#

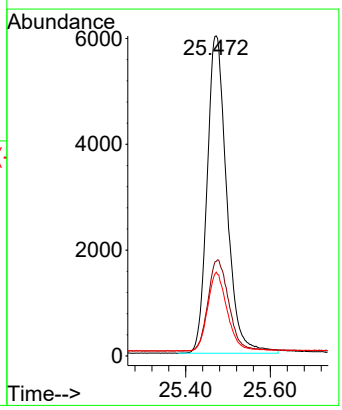


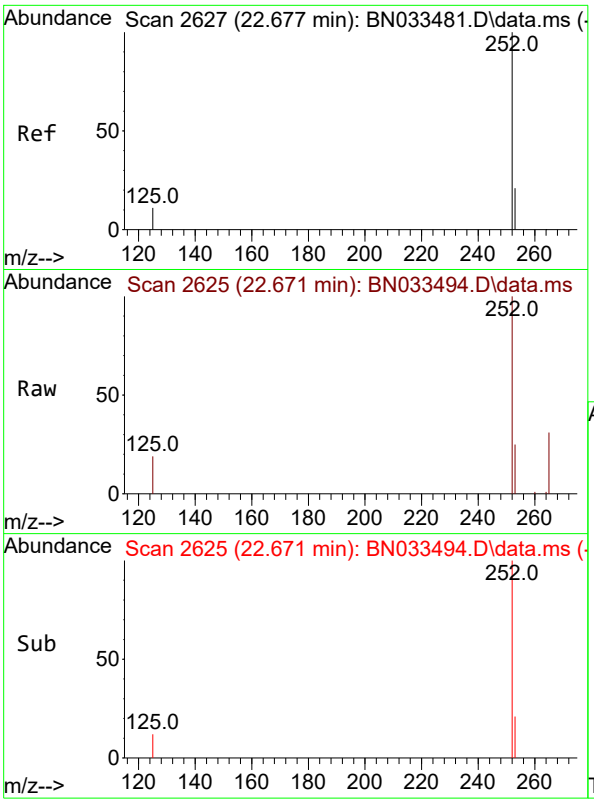


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.491 ng
RT: 25.472 min Scan# 3583
Delta R.T. -0.012 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:276 Resp: 19303

Ion	Ratio	Lower	Upper
276	100		
138	30.4	24.4	36.6
277	24.5	19.8	29.6



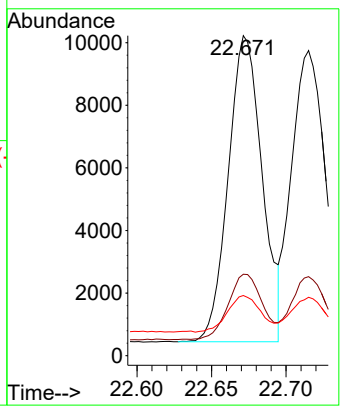


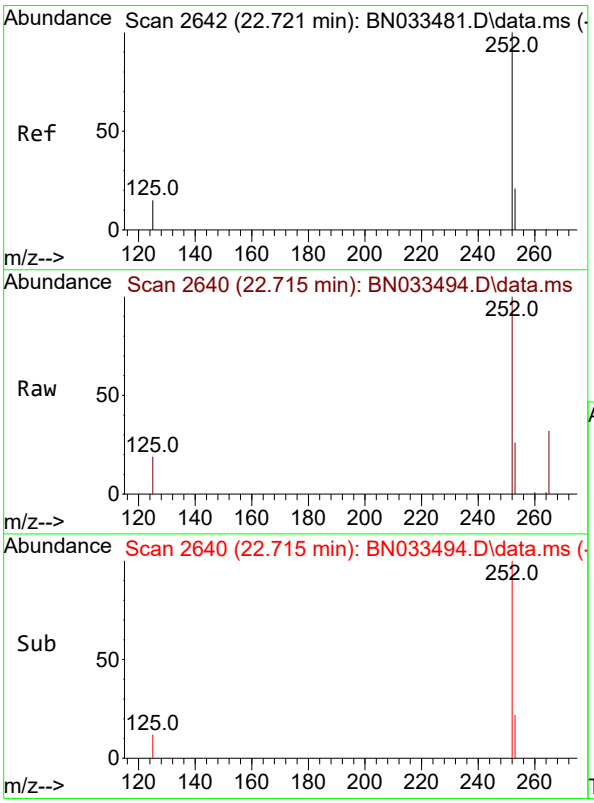
#37
Benzo(b)fluoranthene
Concen: 0.437 ng
RT: 22.671 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:252 Resp: 15472

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.8	29.8
125	18.8	13.9	20.9

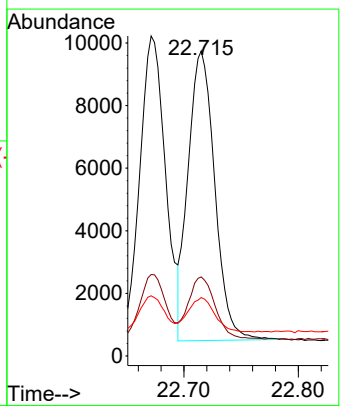


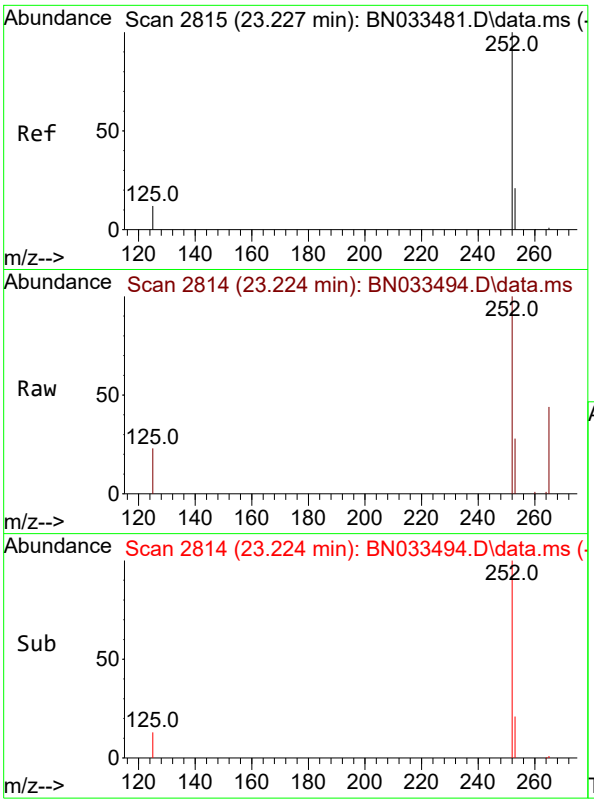


#38
Benzo(k)fluoranthene
Concen: 0.430 ng
RT: 22.715 min Scan# 2640
Delta R.T. -0.006 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:252 Resp: 14961

Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.8	29.8
125	19.1	15.8	23.8



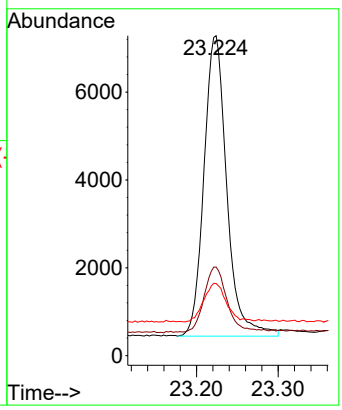


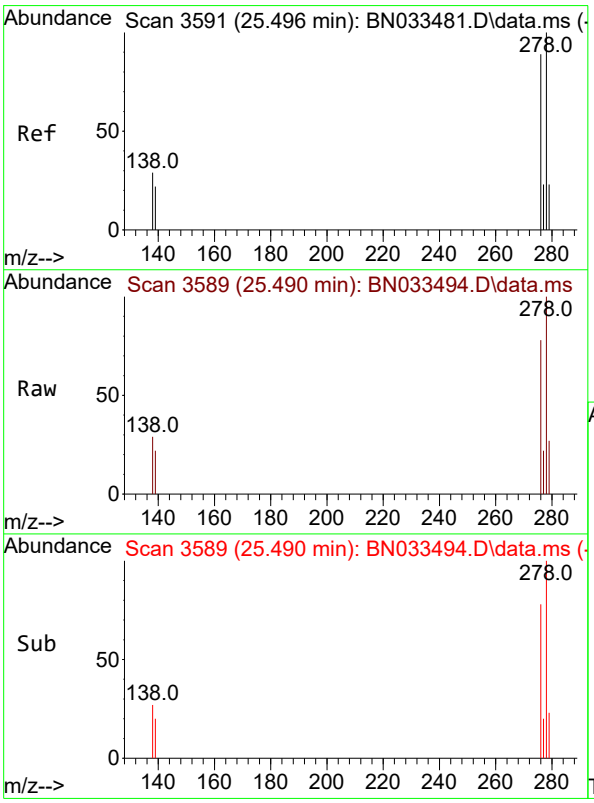
#39
Benzo(a)pyrene
Concen: 0.455 ng
RT: 23.224 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:252 Resp: 13321

Ion	Ratio	Lower	Upper
252	100		
253	27.7	21.5	32.3
125	22.6	17.0	25.4

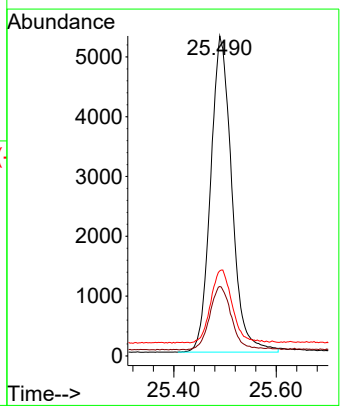


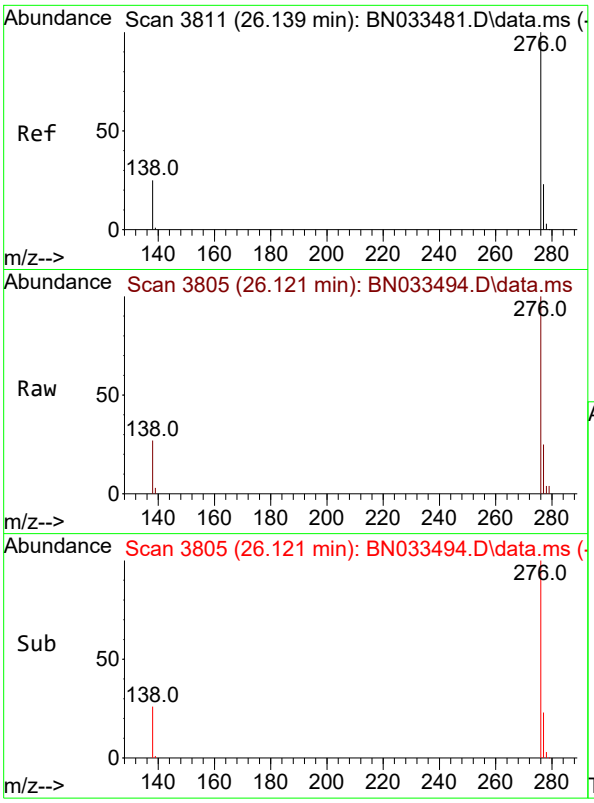


#40
Dibenzo(a,h)anthracene
Concen: 0.483 ng
RT: 25.490 min Scan# 3589
Delta R.T. -0.006 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Tgt Ion:278 Resp: 15187

Ion	Ratio	Lower	Upper
278	100		
139	21.7	19.1	28.7
279	26.6	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 0.467 ng
RT: 26.121 min Scan# 3
Delta R.T. -0.018 min
Lab File: BN033494.D
Acq: 20 Aug 2024 07:44

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Tgt Ion:276 Resp: 15696

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.7	29.5
138	27.5	21.8	32.6