Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030280.D
Acq On : 06 Mar 2024 01:29
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 06 02:19:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	1723	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	4516	0.400	ng	# 0.00
13) Acenaphthene-d10	14.457	164	2233	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	4490	0.400	ng	0.00
29) Chrysene-d12	21.438	240	3880	0.400	ng	0.00
35) Perylene-d12	23.794	264	4379	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	1940	0.429	ng	0.00
5) Phenol-d6	6.973	99	2008	0.422	ng	0.00
8) Nitrobenzene-d5	8.971	82	1619	0.393	ng	0.00
11) 2-Methylnaphthalene-d10	12.200	152	2770	0.423	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	451	0.393	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	3874	0.418	ng	0.00
27) Fluoranthene-d10	19.262	212	5044	0.409	ng	0.00
31) Terphenyl-d14	19.875	244	3955	0.393	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	906	0.405	ng	97
3) n-Nitrosodimethylamine	3.658	42	971	0.412	ng	# 94
6) bis(2-Chloroethyl)ether	7.248	93	1625	0.431	ng	97
9) Naphthalene	10.648	128	5276	0.418	ng	98
10) Hexachlorobutadiene	10.925	225	1219	0.423	ng	# 98
12) 2-Methylnaphthalene	12.276	142	3177	0.408	ng	98
16) Acenaphthylene	14.179	152	4415	0.410	ng	100
17) Acenaphthene	14.522	154	2931	0.421	ng	100
18) Fluorene	15.505	166	3513	0.420	ng	100
20) 4,6-Dinitro-2-methylph...	15.617	198	362	0.388	ng	95
21) 4-Bromophenyl-phenylether	16.424	248	1084	0.395	ng	# 67
22) Hexachlorobenzene	16.511	284	1335	0.421	ng	99
23) Atrazine	16.697	200	956	0.393	ng	97
24) Pentachlorophenol	16.870	266	662	0.400	ng	97
25) Phenanthrene	17.255	178	5273	0.411	ng	100
26) Anthracene	17.355	178	4605	0.390	ng	100
28) Fluoranthene	19.294	202	6288	0.402	ng	99
30) Pyrene	19.661	202	6509	0.400	ng	100
32) Benzo(a)anthracene	21.420	228	5242	0.385	ng	98
33) Chrysene	21.474	228	6265	0.426	ng	99
34) Bis(2-ethylhexyl)phtha...	21.366	149	3967	0.366	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.218	276	7387	0.403	ng	99
37) Benzo(b)fluoranthene	23.081	252	6072	0.397	ng	97
38) Benzo(k)fluoranthene	23.130	252	6353	0.409	ng	97
39) Benzo(a)pyrene	23.695	252	5515	0.408	ng	94
40) Dibenzo(a,h)anthracene	26.250	278	5978	0.415	ng	97
41) Benzo(g,h,i)perylene	26.958	276	6789	0.408	ng	99

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

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Operator : MA/JU
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Misc :
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Instrument :
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Quant Time: Mar 06 02:19:55 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
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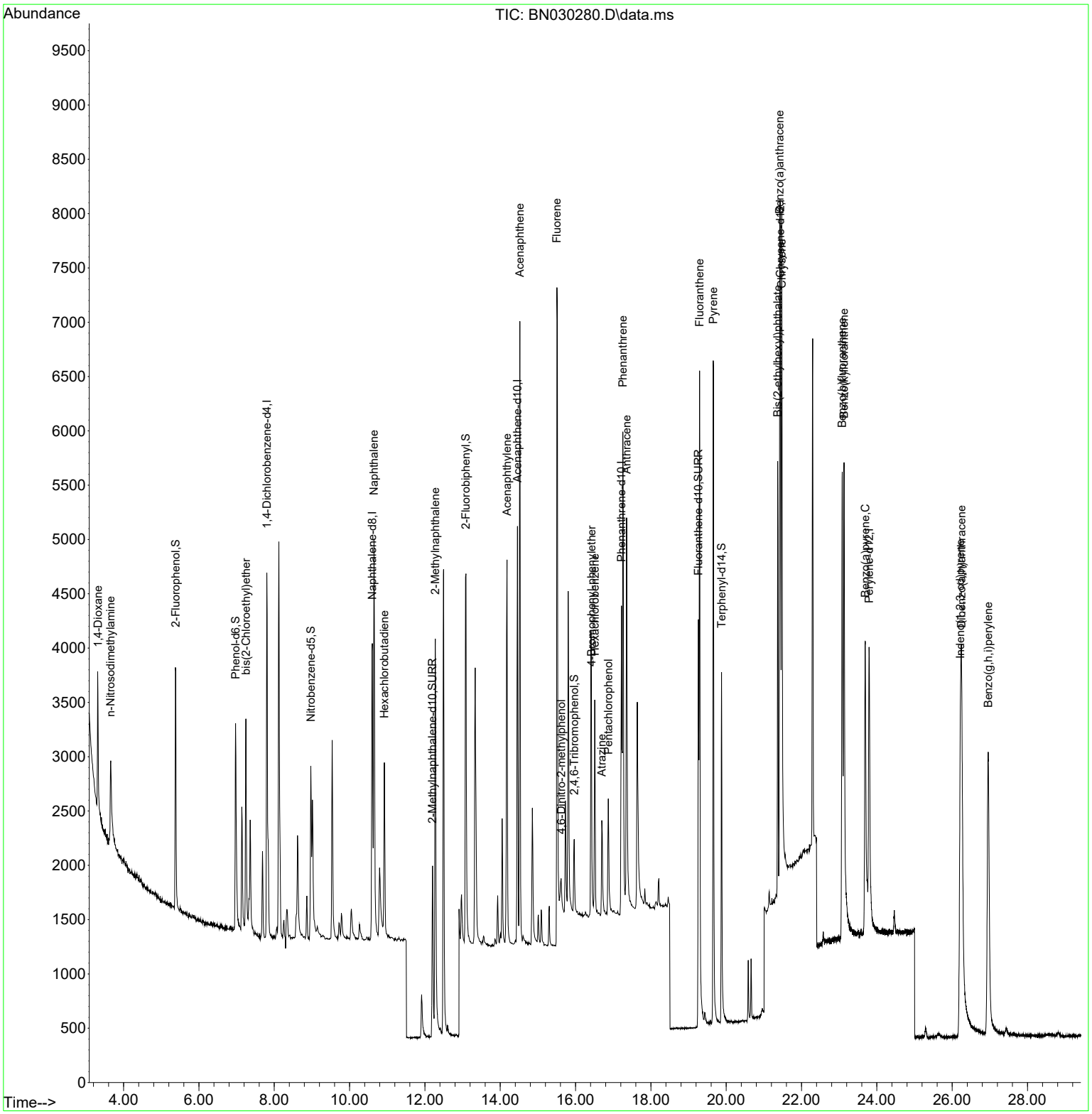
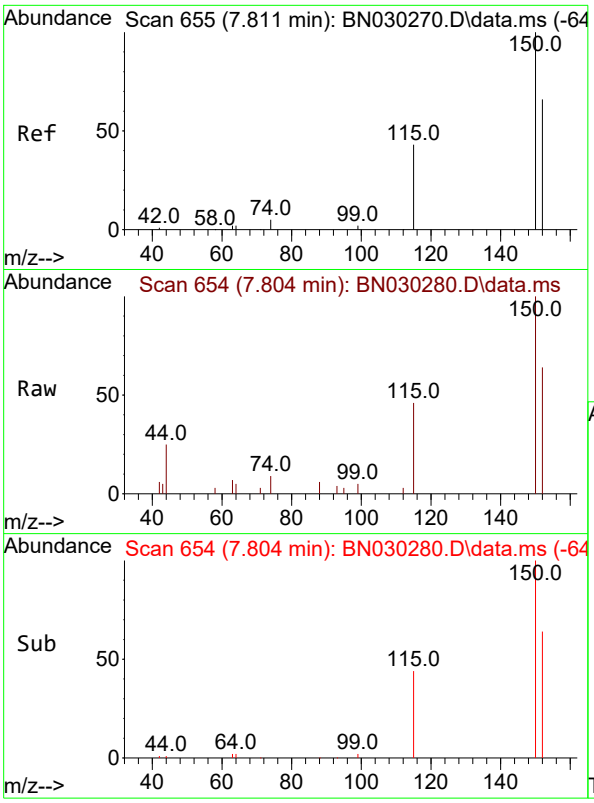


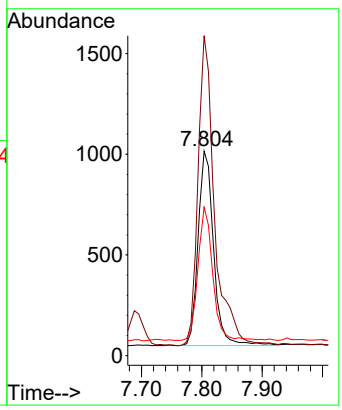


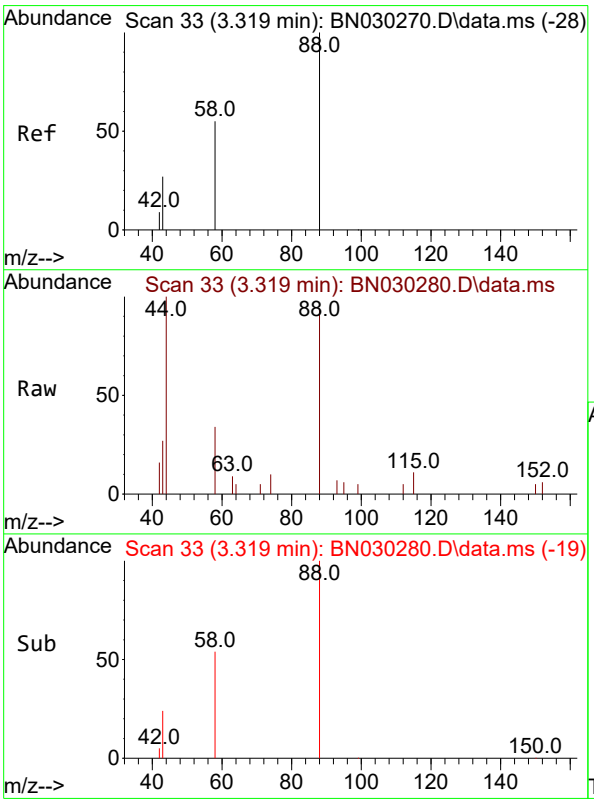
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1723

Ion	Ratio	Lower	Upper
152	100		
150	156.6	119.4	179.0
115	72.5	56.9	85.3

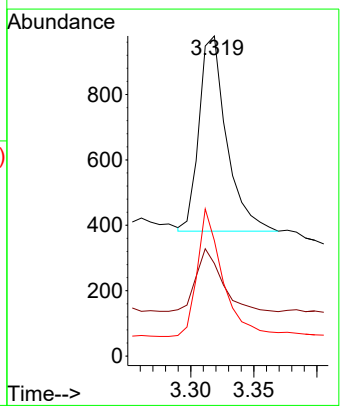


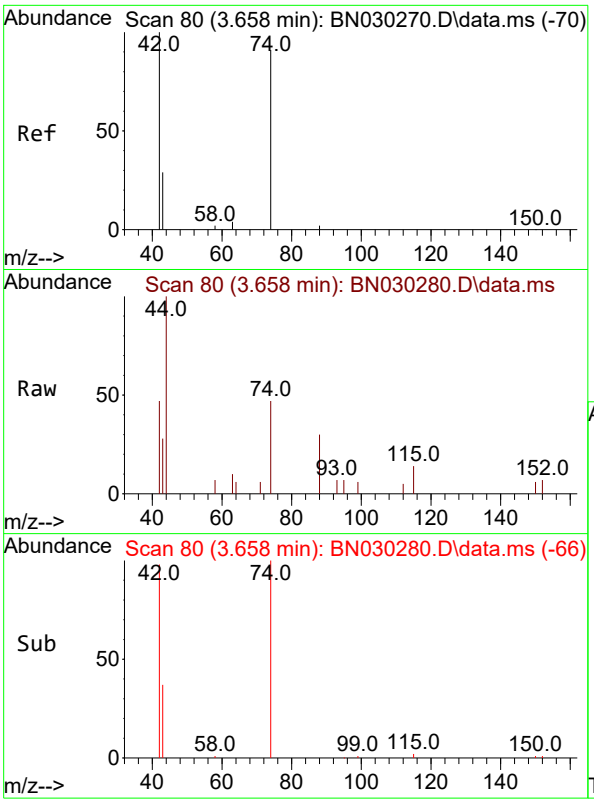


#2
1,4-Dioxane
Concen: 0.405 ng
RT: 3.319 min Scan# 33
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion: 88 Resp: 906

Ion	Ratio	Lower	Upper
88	100		
43	30.2	23.8	35.8
58	60.5	46.2	69.4



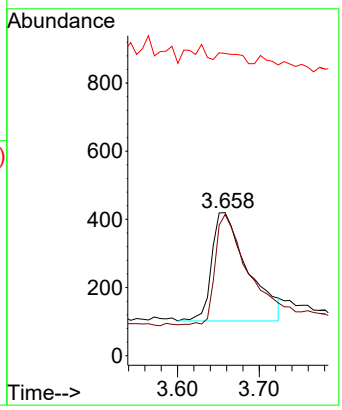


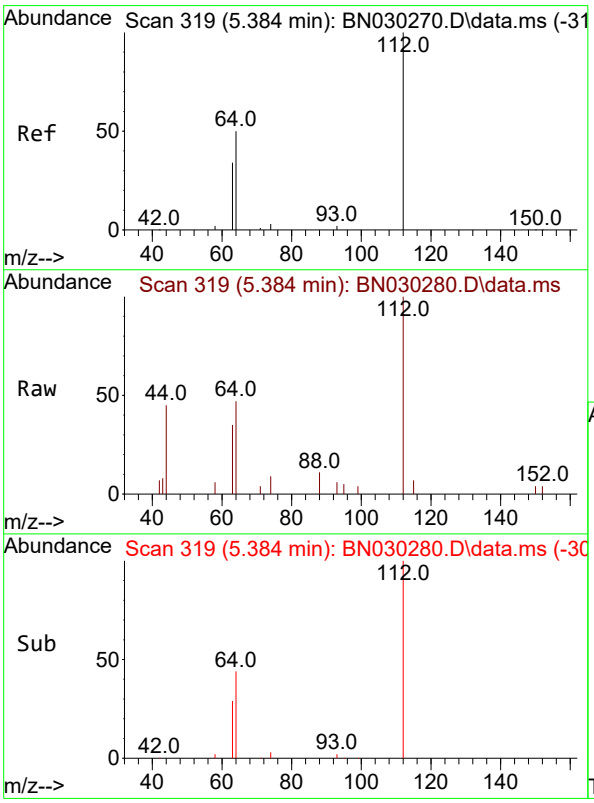
#3
n-Nitrosodimethylamine
Concen: 0.412 ng
RT: 3.658 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 971

Ion	Ratio	Lower	Upper
42	100		
74	93.5	79.4	119.0
44	6.8	0.0	0.0#

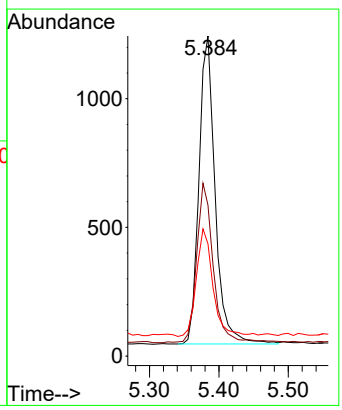


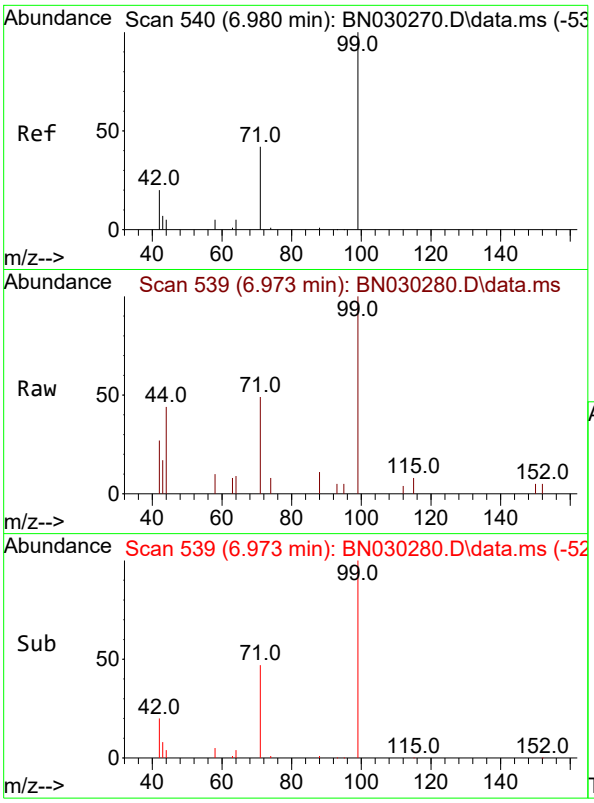


#4
2-Fluorophenol
Concen: 0.429 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:112 Resp: 1940

Ion	Ratio	Lower	Upper
112	100		
64	53.3	41.8	62.8
63	35.5	27.1	40.7



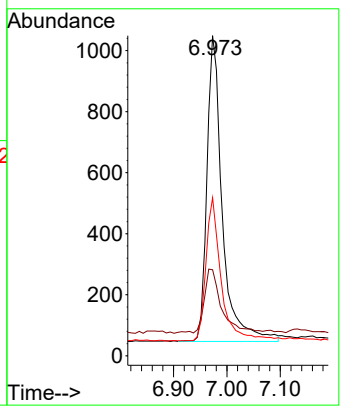


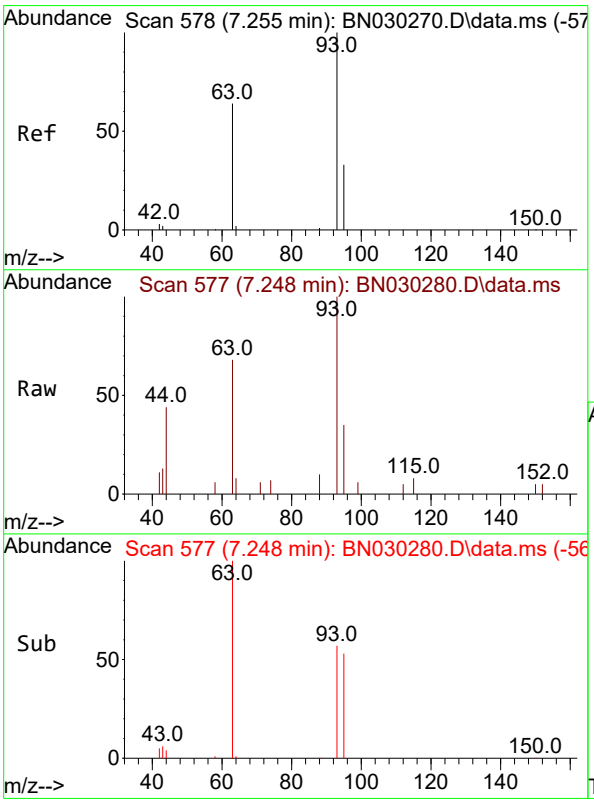
#5
Phenol-d6
Concen: 0.422 ng
RT: 6.973 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2008

Ion	Ratio	Lower	Upper
99	100		
42	23.1	19.0	28.6
71	46.3	36.0	54.0

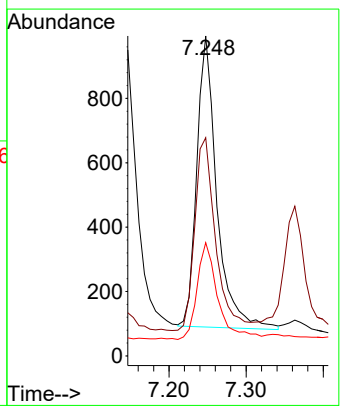


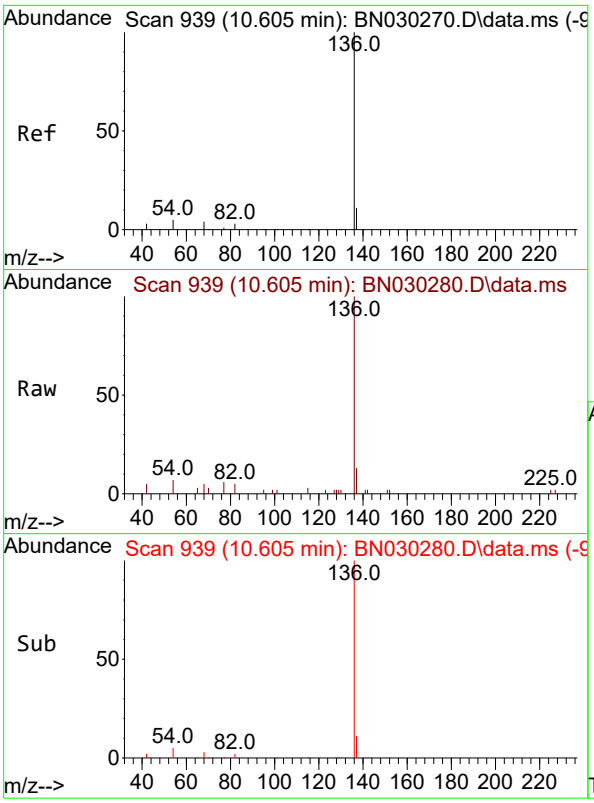


#6
bis(2-Chloroethyl)ether
Concen: 0.431 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion: 93 Resp: 1625

Ion	Ratio	Lower	Upper
93	100		
63	69.3	57.7	86.5
95	34.5	28.6	43.0



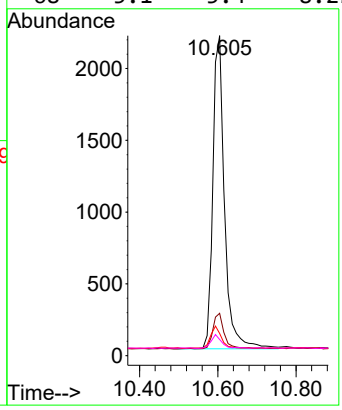


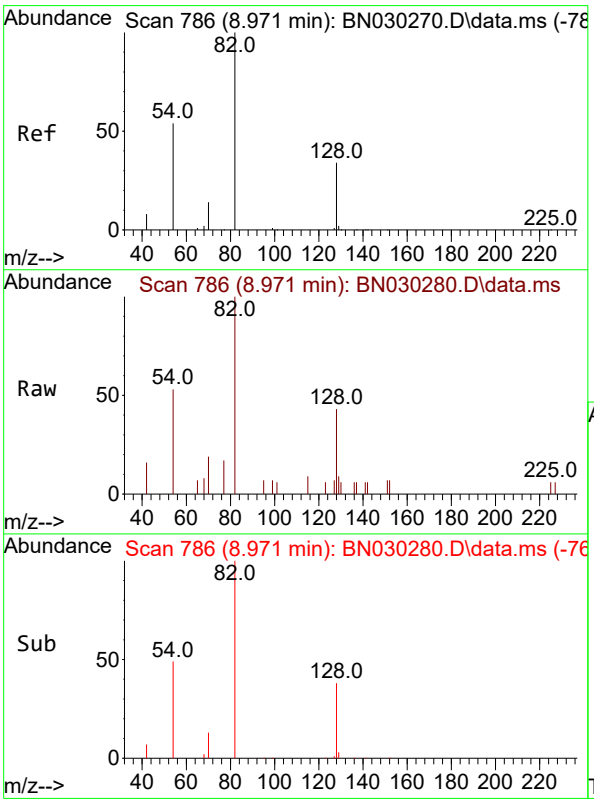
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 4516

Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.5	15.7
54	7.0	6.4	9.6
68	5.1	5.4	8.2#

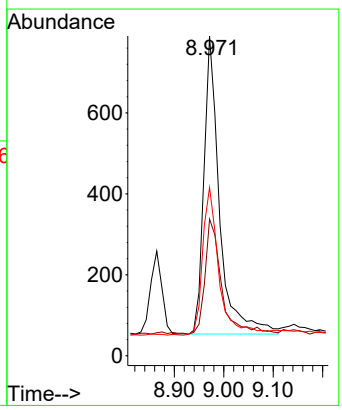


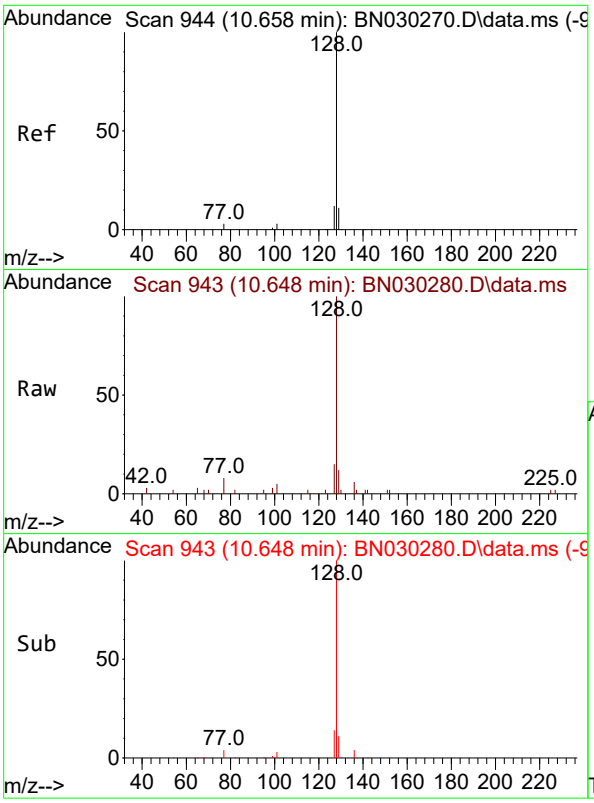


#8
Nitrobenzene-d5
Concen: 0.393 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion: 82 Resp: 1619

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.2	48.2
54	52.7	47.3	70.9



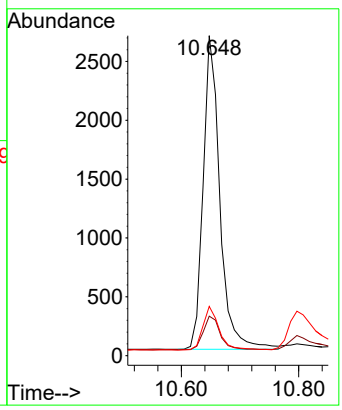


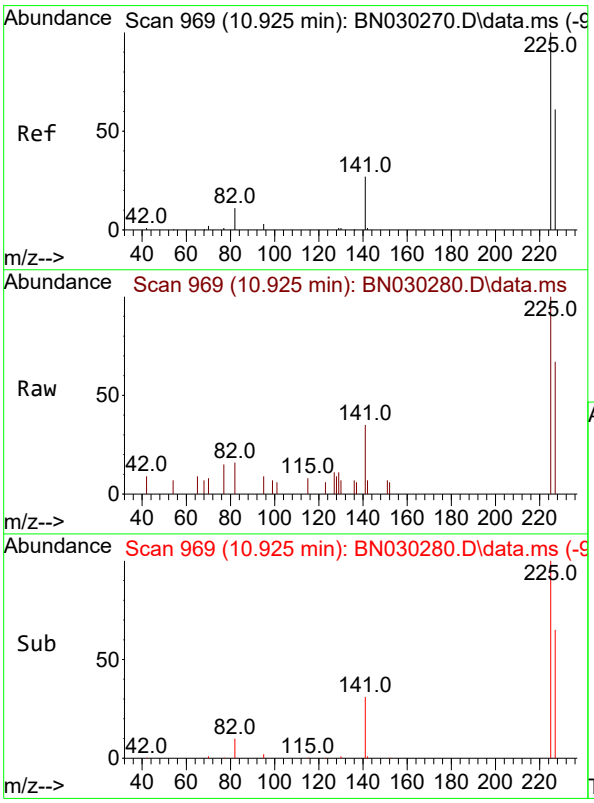
#9
Naphthalene
Concen: 0.418 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 5276

Ion	Ratio	Lower	Upper
128	100		
129	12.3	10.8	16.2
127	15.4	11.7	17.5

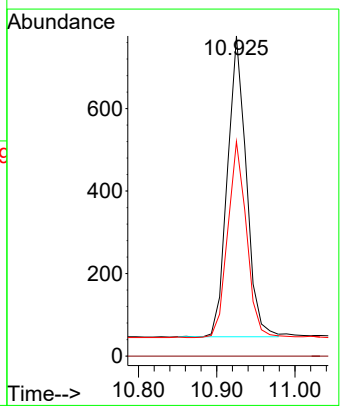


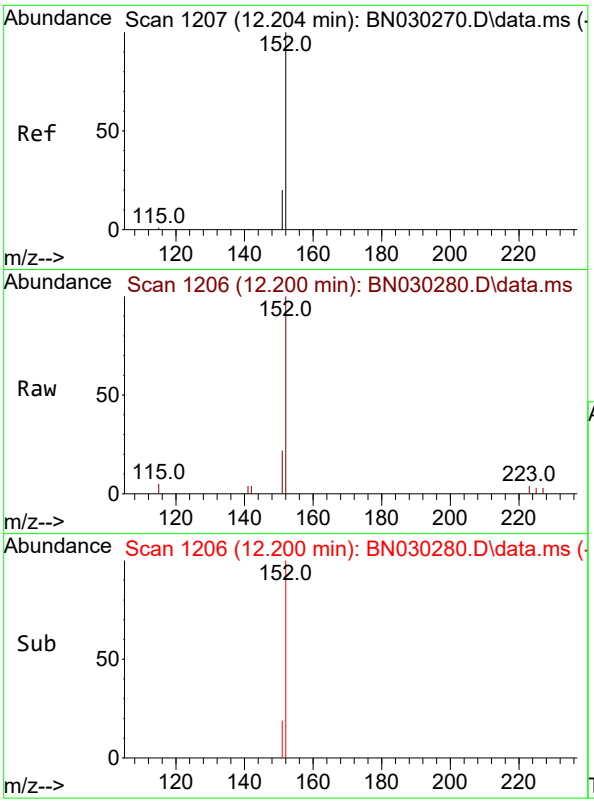


#10
Hexachlorobutadiene
Concen: 0.423 ng
RT: 10.925 min Scan# 969
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:225 Resp: 1219

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	50.6	76.0



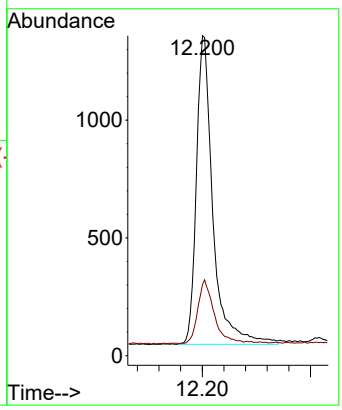


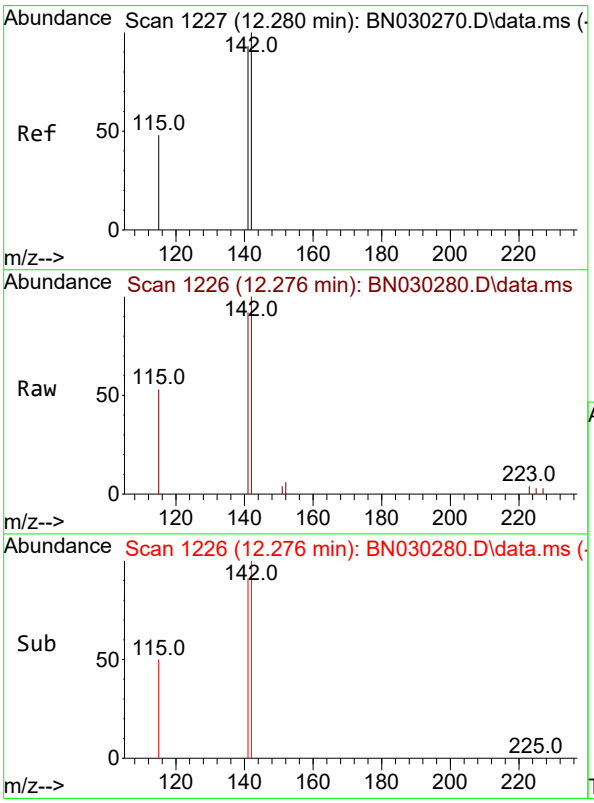
#11
2-Methylnaphthalene-d10
Concen: 0.423 ng
RT: 12.200 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2770

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.7	25.1

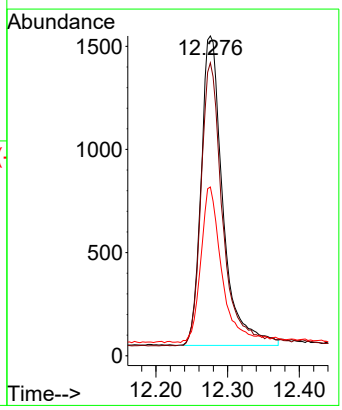


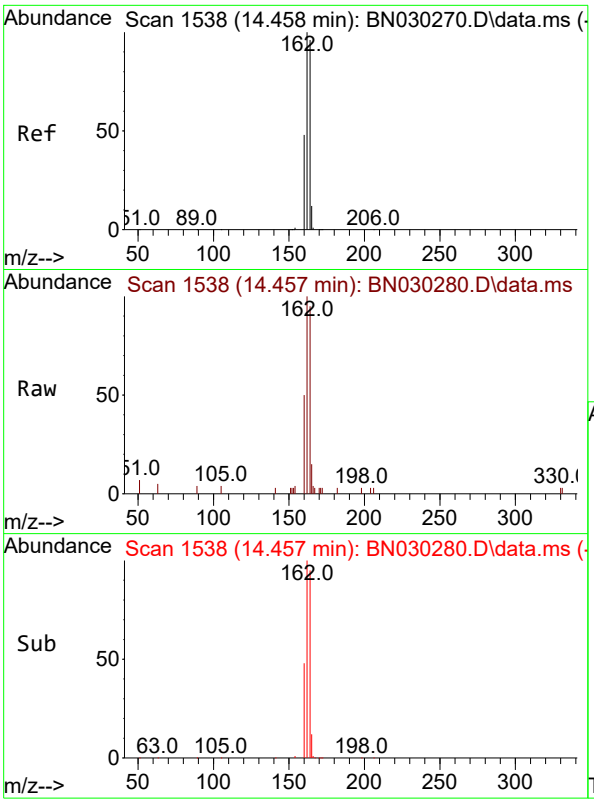


#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 12.276 min Scan# 1226
Delta R.T. -0.004 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:142 Resp: 3177

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
115	52.8	40.7	61.1



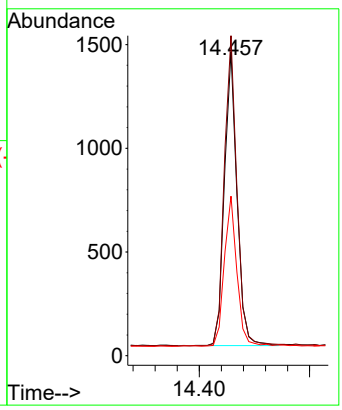


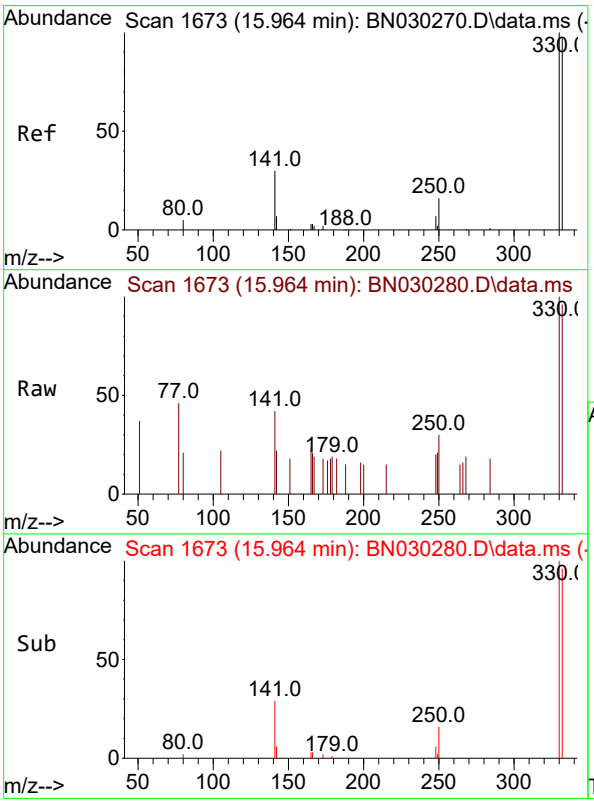
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2233

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.4	125.2
160	52.5	41.7	62.5

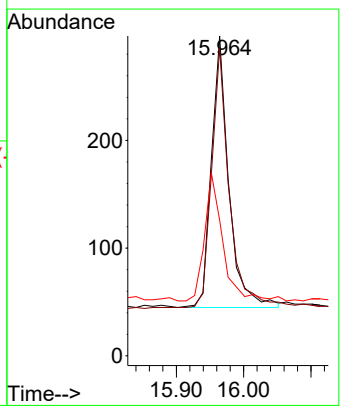


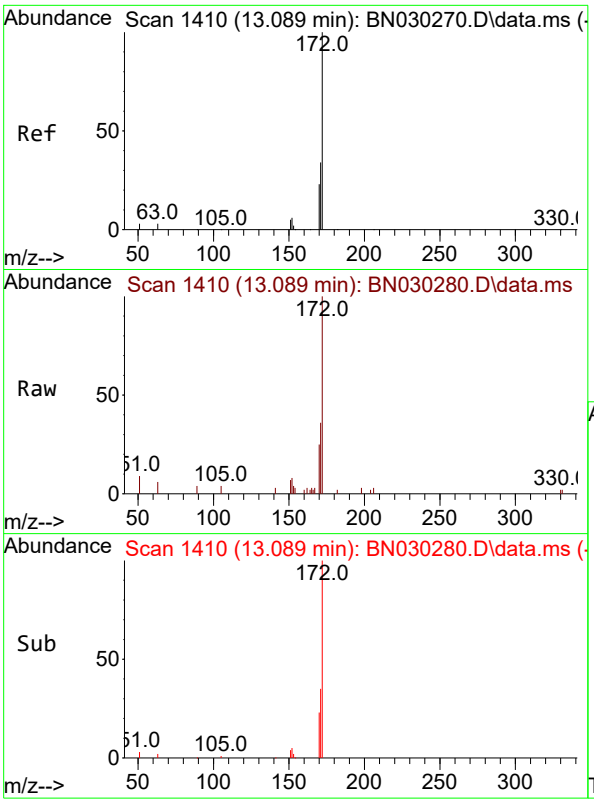


#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 15.964 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:330 Resp: 451

Ion	Ratio	Lower	Upper
330	100		
332	96.7	72.6	108.8
141	49.4	41.3	61.9



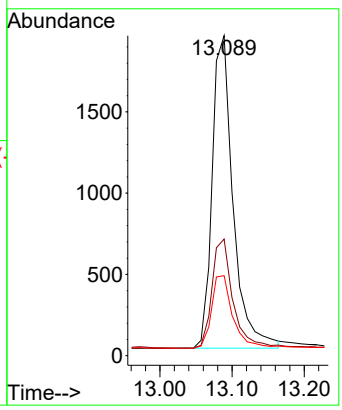


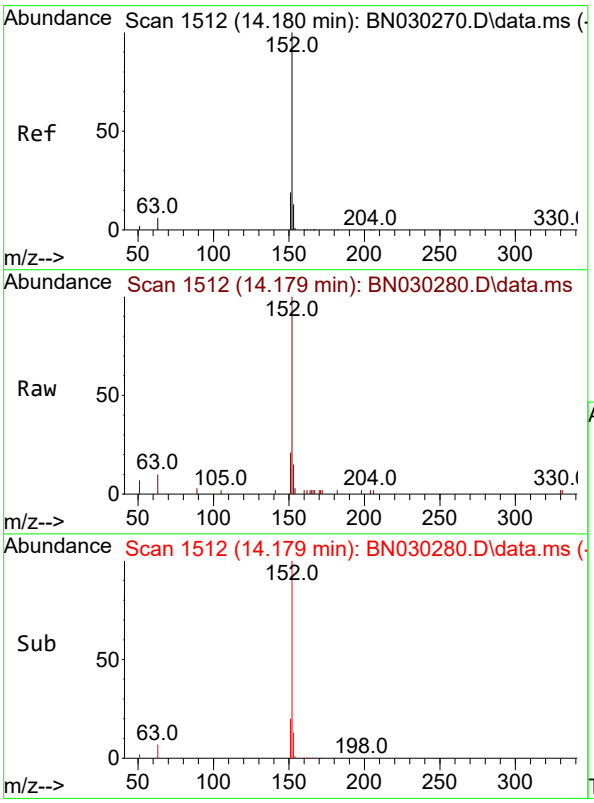
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.089 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3874

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	25.0	20.2	30.2

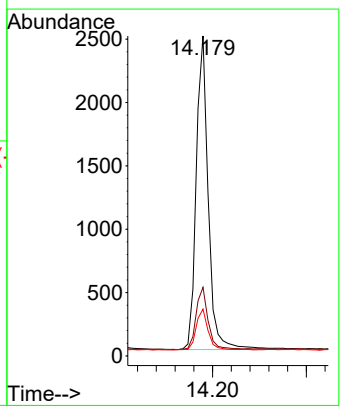


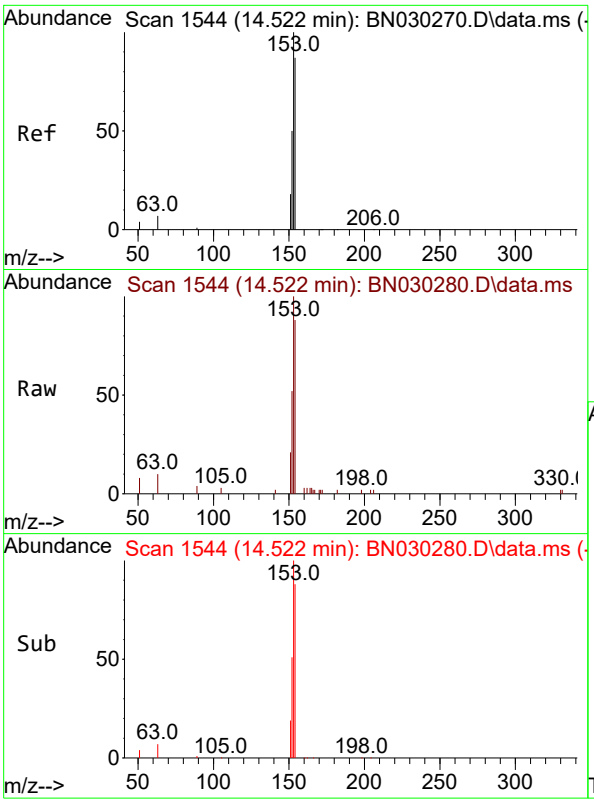


#16
Acenaphthylene
Concen: 0.410 ng
RT: 14.179 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:152 Resp: 4415

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.0	10.3	15.5



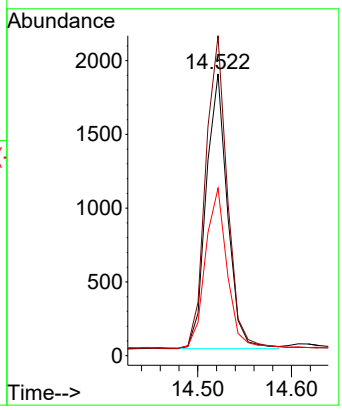


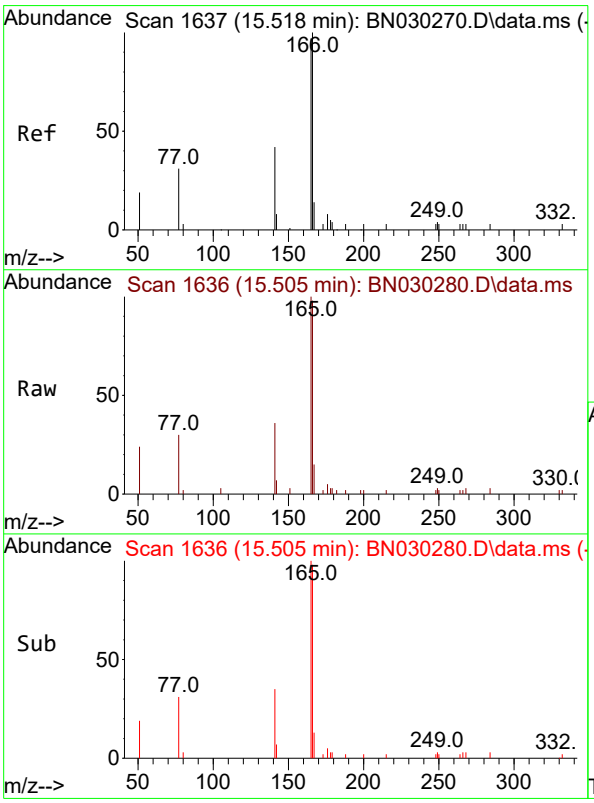
#17
Acenaphthene
Concen: 0.421 ng
RT: 14.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2931

Ion	Ratio	Lower	Upper
154	100		
153	116.1	92.9	139.3
152	59.5	47.3	70.9

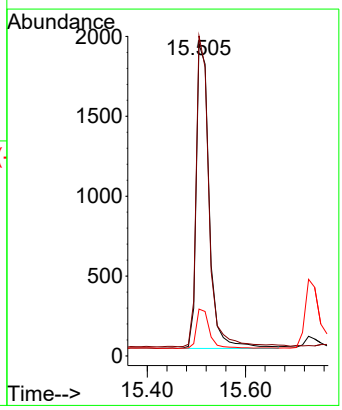


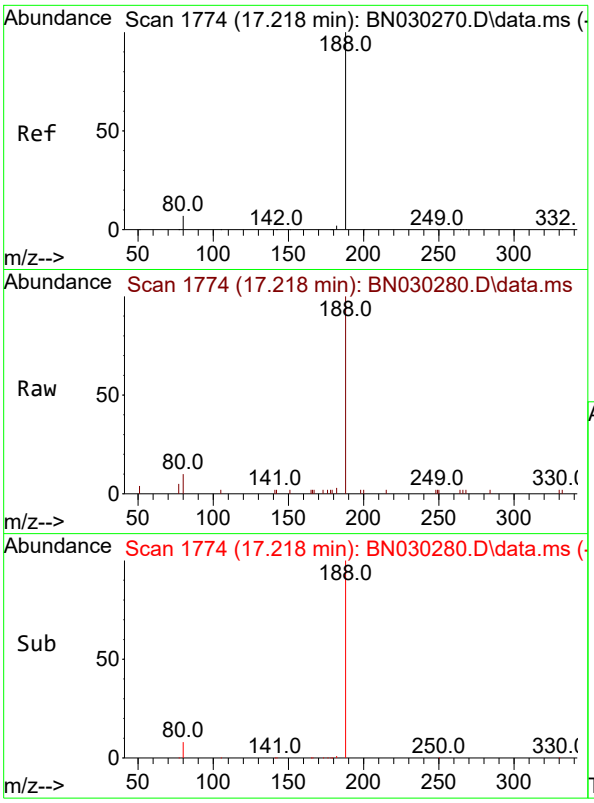


#18
Fluorene
Concen: 0.420 ng
RT: 15.505 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:166 Resp: 3513

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.9	119.9
167	13.0	11.0	16.4



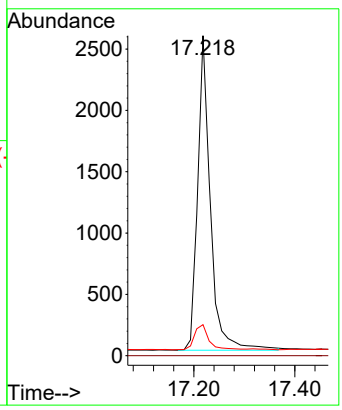


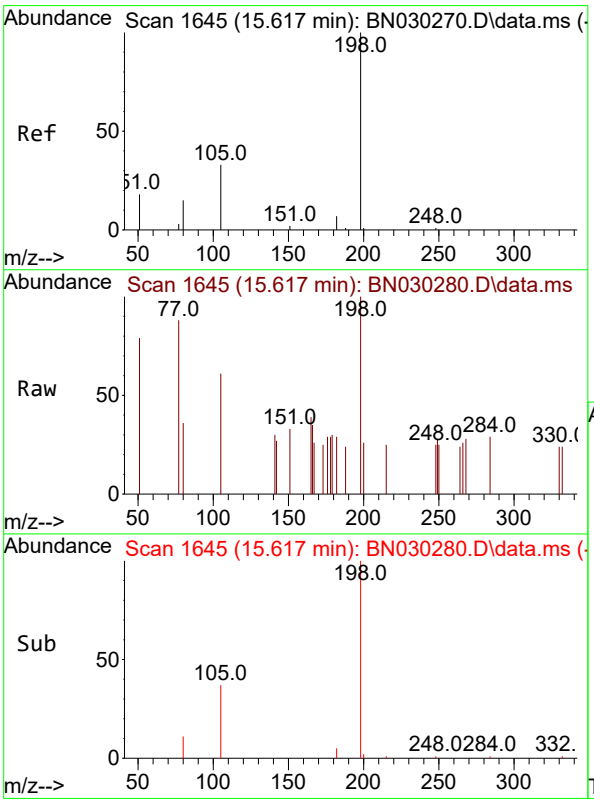
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 4490

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	7.8	11.6

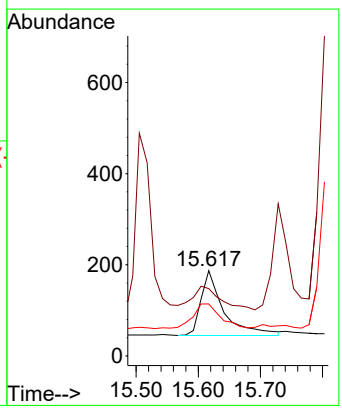


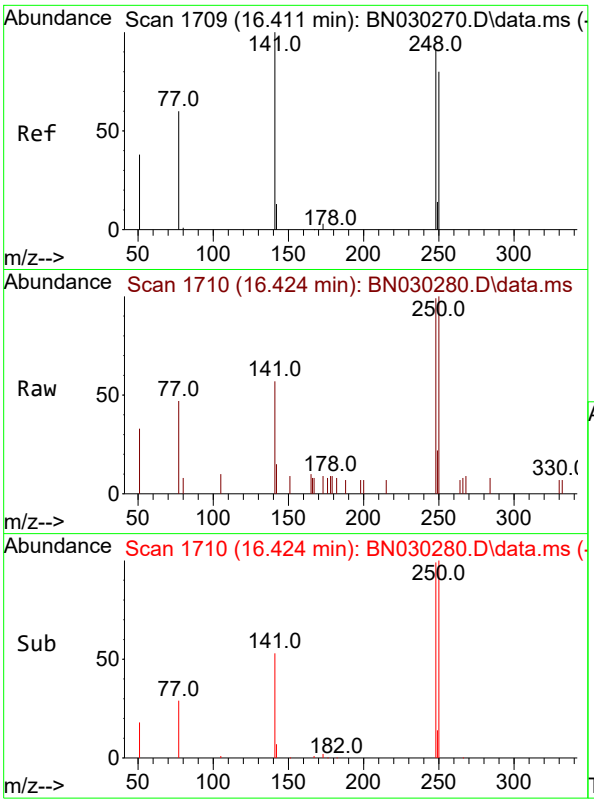


#20
4,6-Dinitro-2-methylphenol
Concen: 0.388 ng
RT: 15.617 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:198 Resp: 362

Ion	Ratio	Lower	Upper
198	100		
51	79.1	67.4	101.2
105	61.0	50.8	76.2



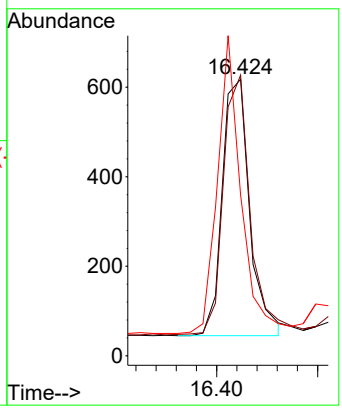


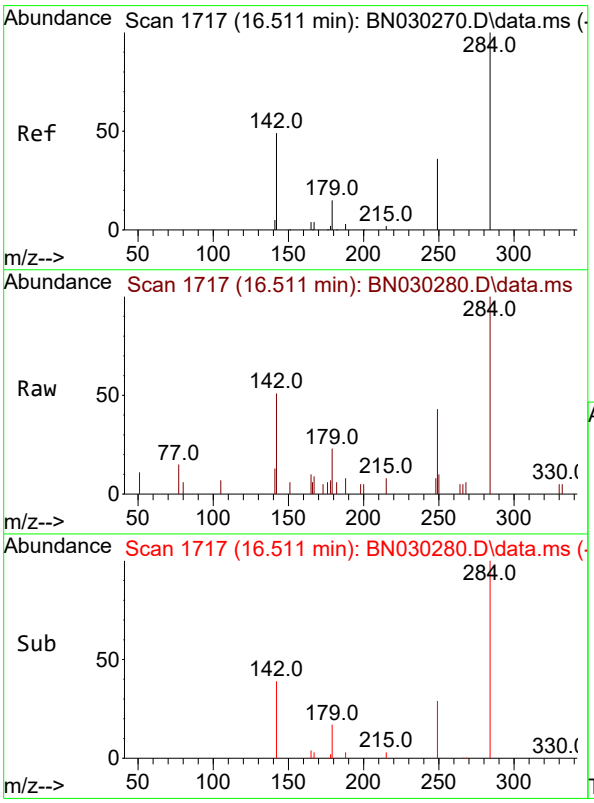
#21
4-Bromophenyl-phenylether
Concen: 0.395 ng
RT: 16.424 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 1084

Ion	Ratio	Lower	Upper
248	100		
250	101.5	71.3	106.9
141	58.1	88.0	132.0#

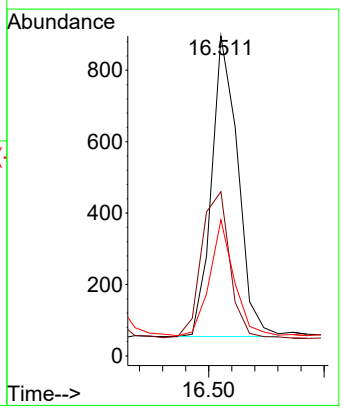


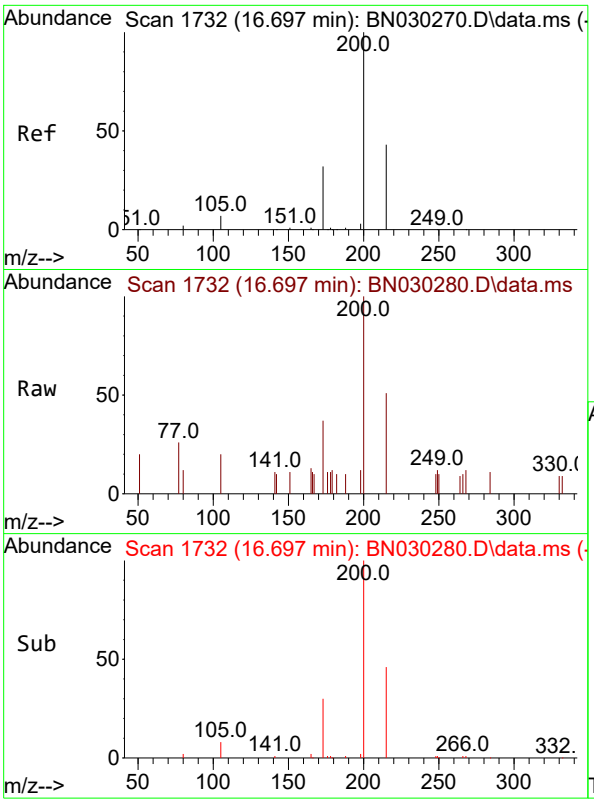


#22
Hexachlorobenzene
Concen: 0.421 ng
RT: 16.511 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:284 Resp: 1335

Ion	Ratio	Lower	Upper
284	100		
142	52.1	41.0	61.6
249	35.3	27.4	41.2



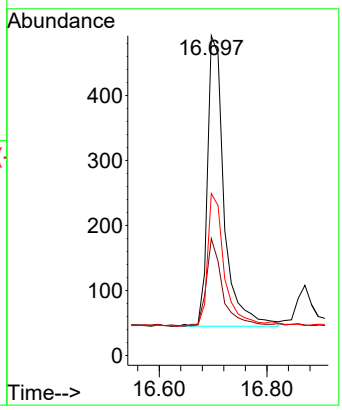


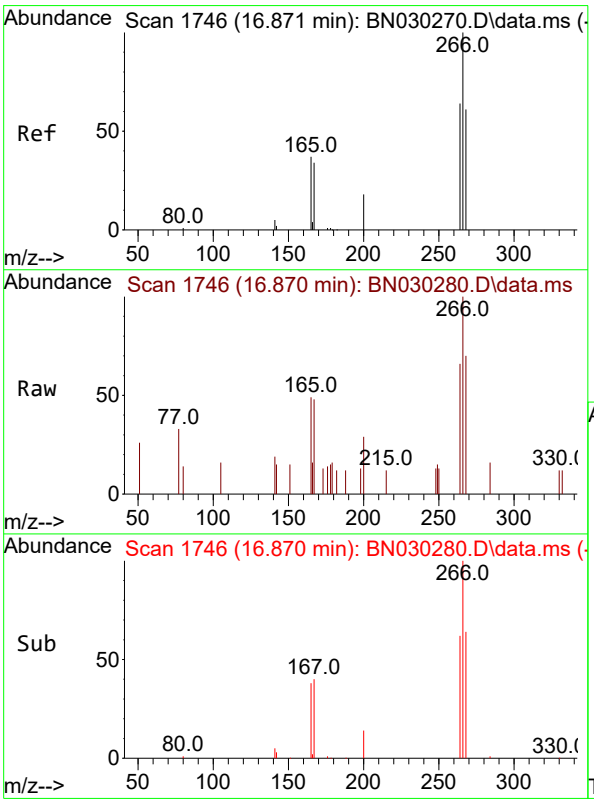
#23
Atrazine
Concen: 0.393 ng
RT: 16.697 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 956

Ion	Ratio	Lower	Upper
200	100		
173	36.6	30.8	46.2
215	50.6	38.7	58.1

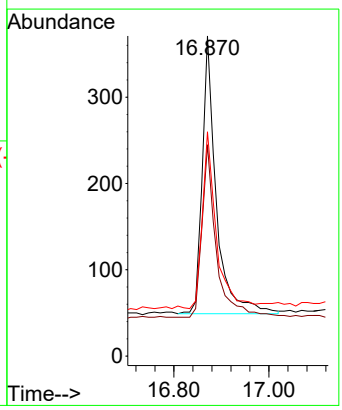


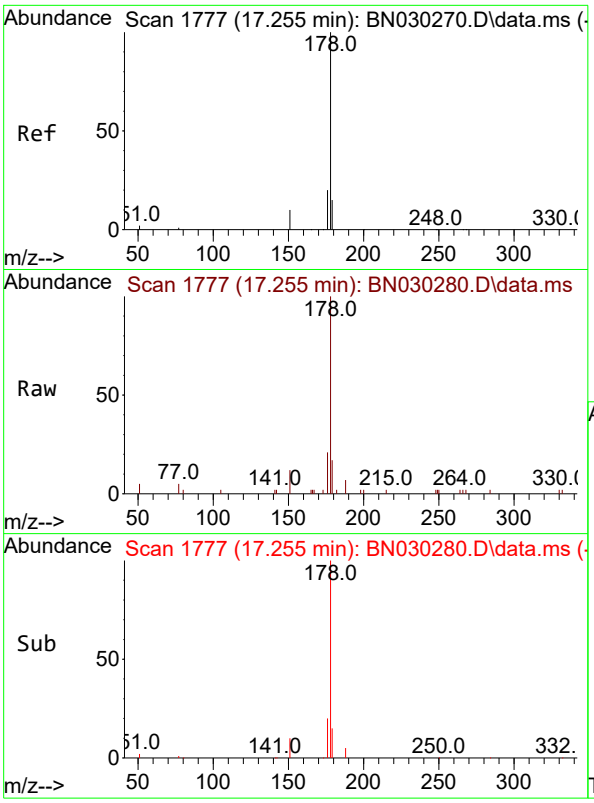


#24
Pentachlorophenol
Concen: 0.400 ng
RT: 16.870 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:266 Resp: 662

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.1	73.7
268	64.5	49.2	73.8



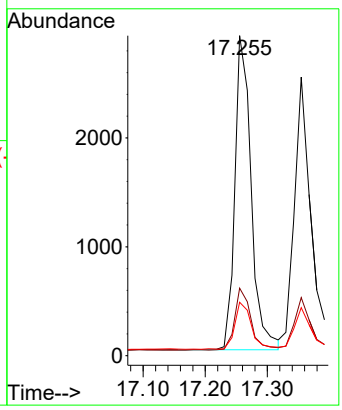


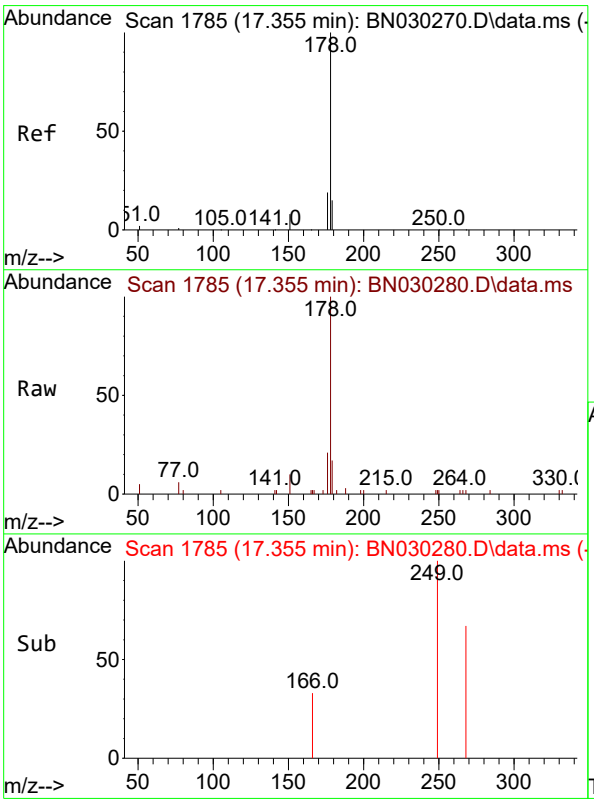
#25
Phenanthrene
Concen: 0.411 ng
RT: 17.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 5273

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.4	12.4	18.6

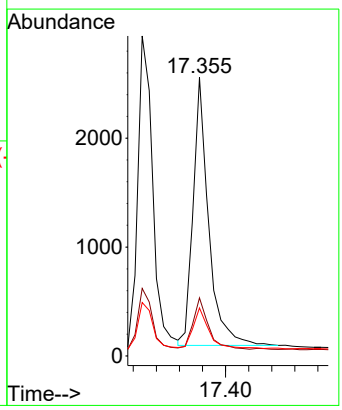


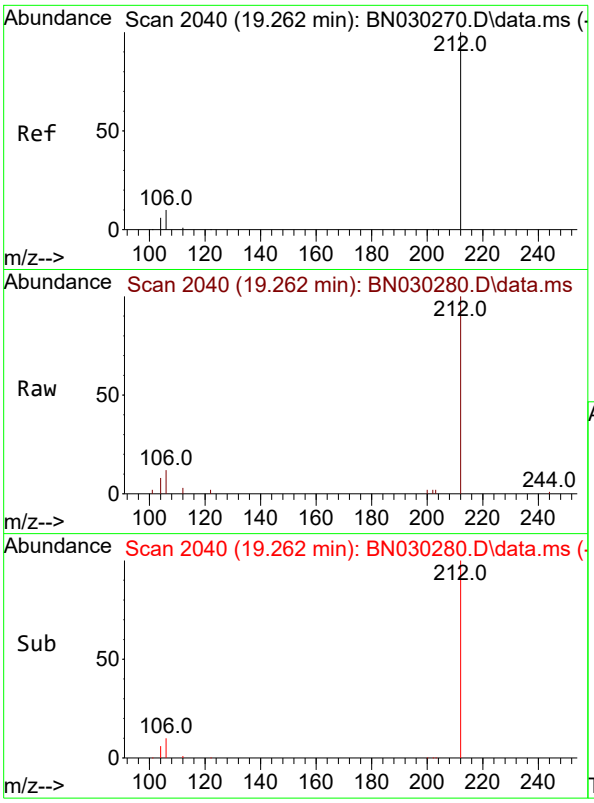


#26
Anthracene
Concen: 0.390 ng
RT: 17.355 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:178 Resp: 4605

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.8	12.5	18.7



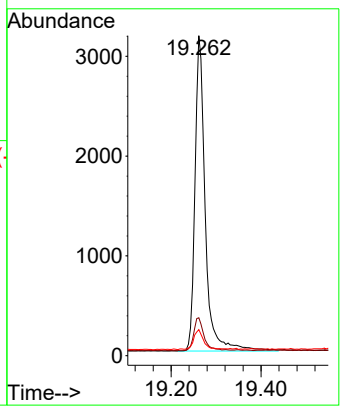


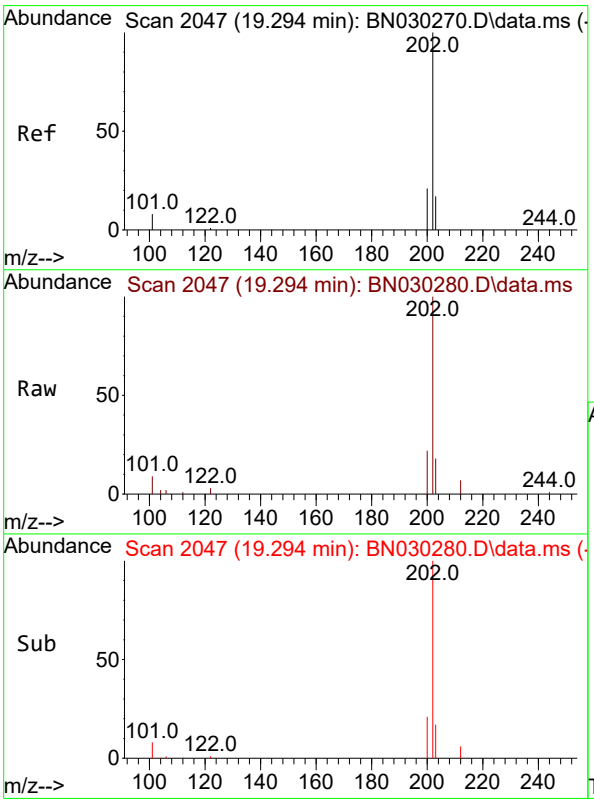
#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.262 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 5044

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.4
104	6.2	4.7	7.1

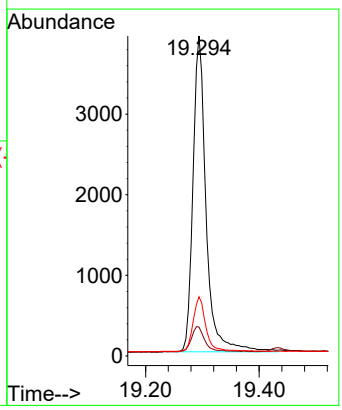


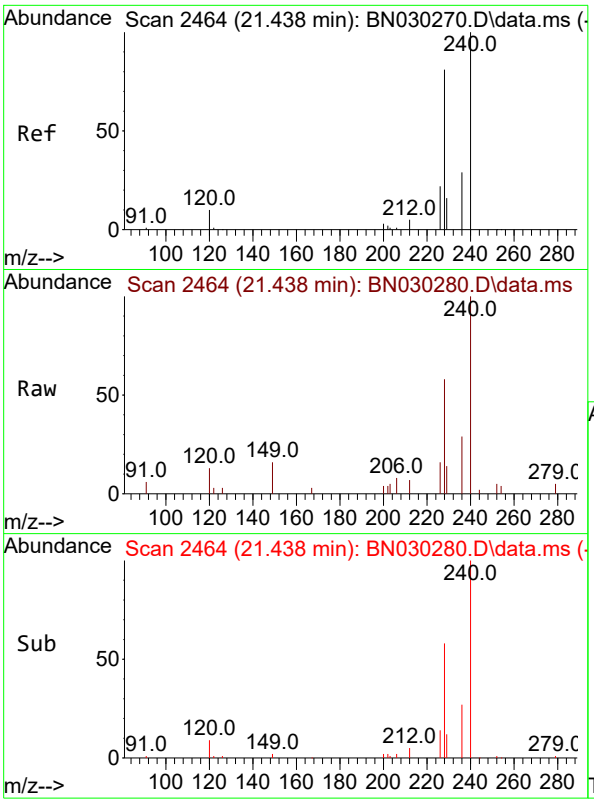


#28
Fluoranthene
Concen: 0.402 ng
RT: 19.294 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:202 Resp: 6288

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.3	9.5
203	17.2	13.4	20.0



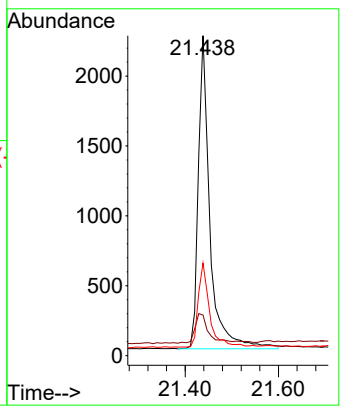


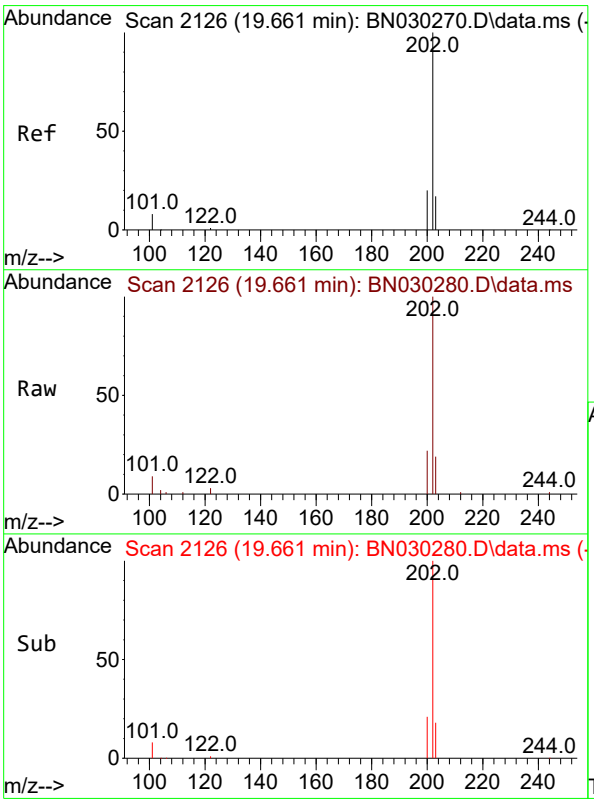
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.438 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 3880

Ion	Ratio	Lower	Upper
240	100		
120	12.7	12.2	18.2
236	29.0	25.2	37.8

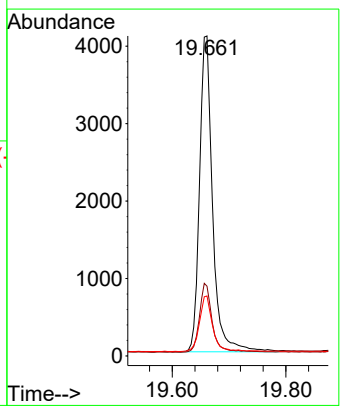


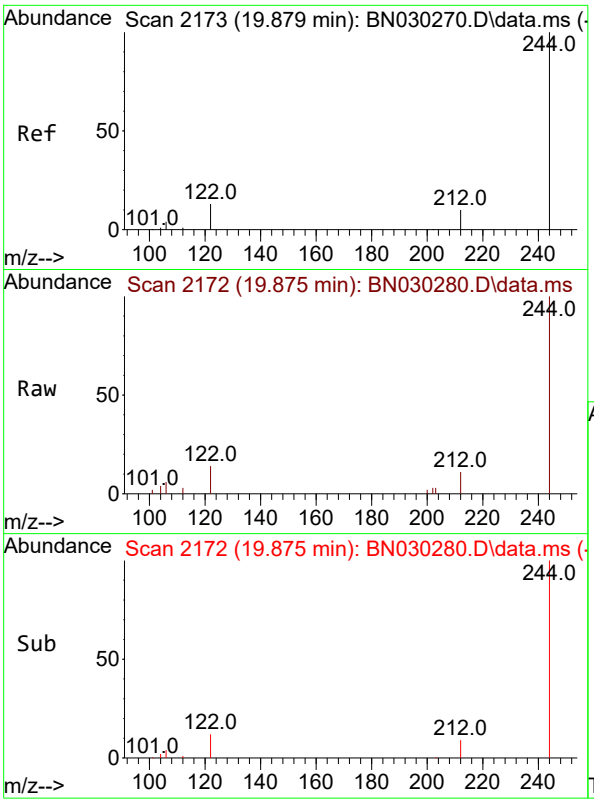


#30
Pyrene
Concen: 0.400 ng
RT: 19.661 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:202 Resp: 6509

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.6	14.1	21.1



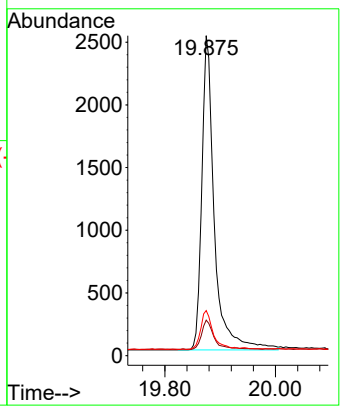


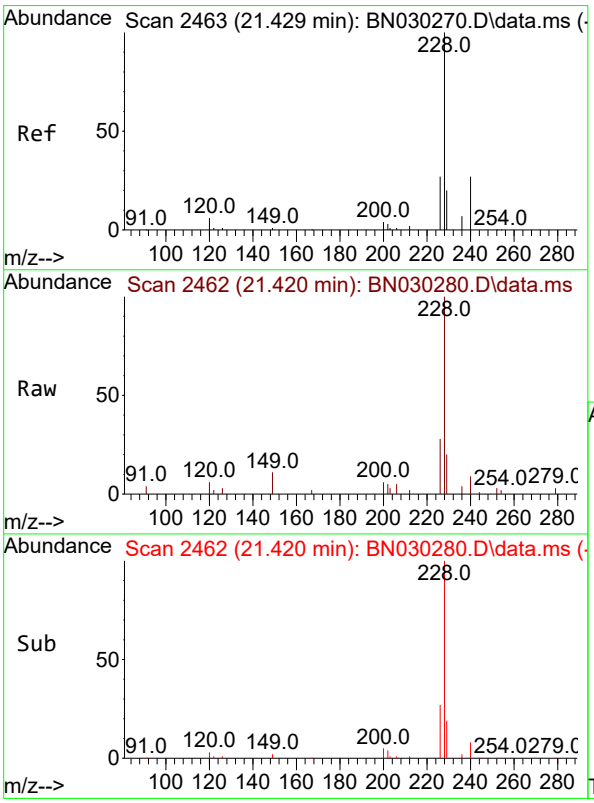
#31
Terphenyl-d14
Concen: 0.393 ng
RT: 19.875 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 3955

Ion	Ratio	Lower	Upper
244	100		
212	11.1	9.5	14.3
122	14.1	11.8	17.6

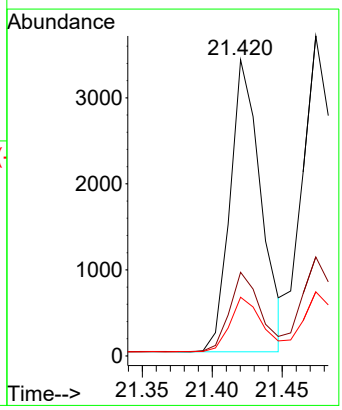


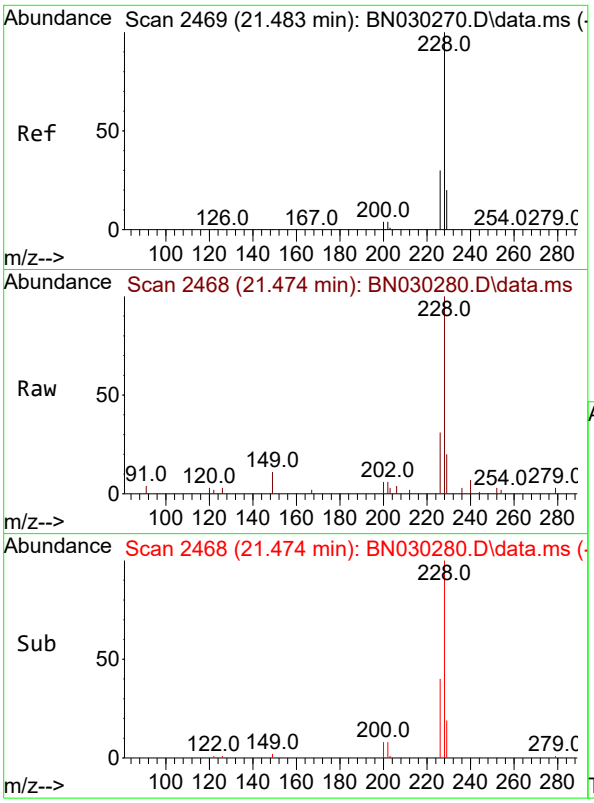


#32
Benzo(a)anthracene
Concen: 0.385 ng
RT: 21.420 min Scan# 2462
Delta R.T. -0.009 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:228 Resp: 5242

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.1	34.7
229	19.8	17.0	25.4



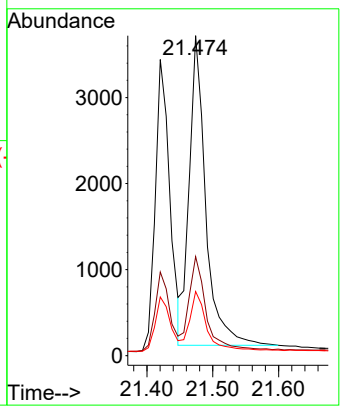


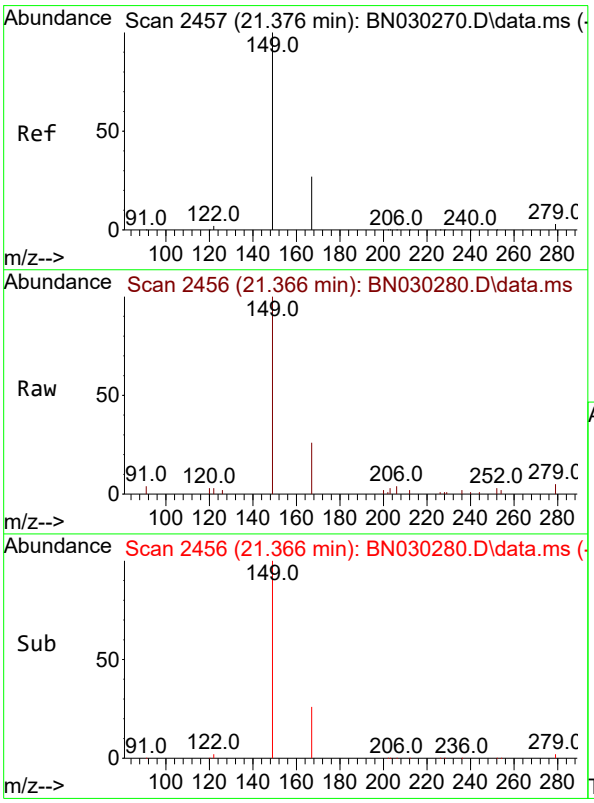
#33
Chrysene
Concen: 0.426 ng
RT: 21.474 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 6265

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	20.0	17.3	25.9

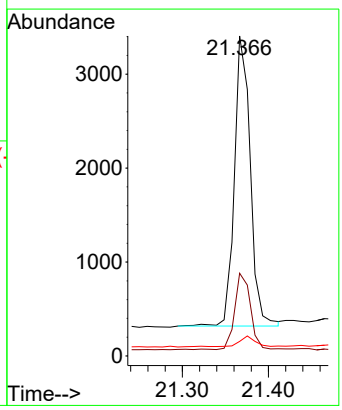


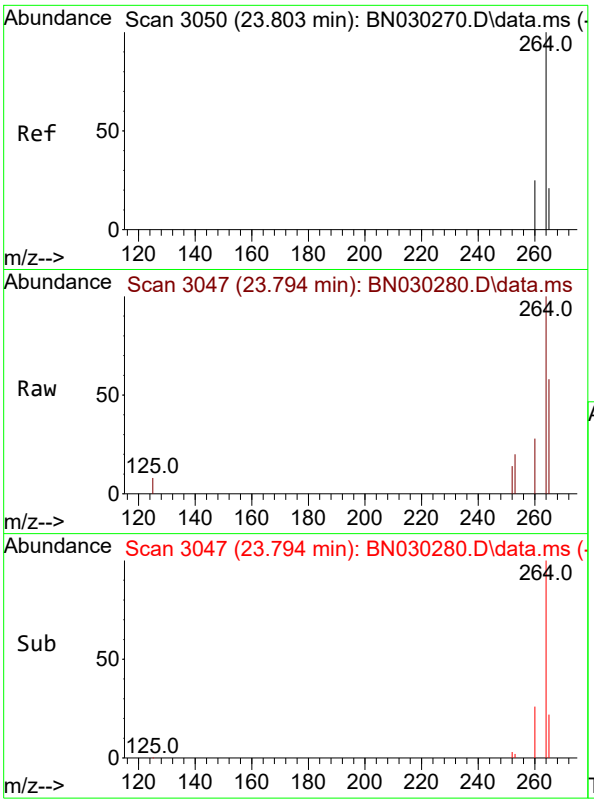


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.366 ng
RT: 21.366 min Scan# 2456
Delta R.T. -0.009 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:149 Resp: 3967

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.6	30.8
279	3.6	4.0	6.0#



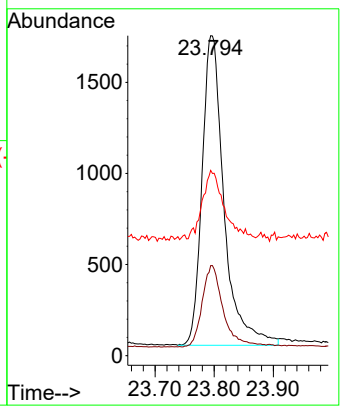


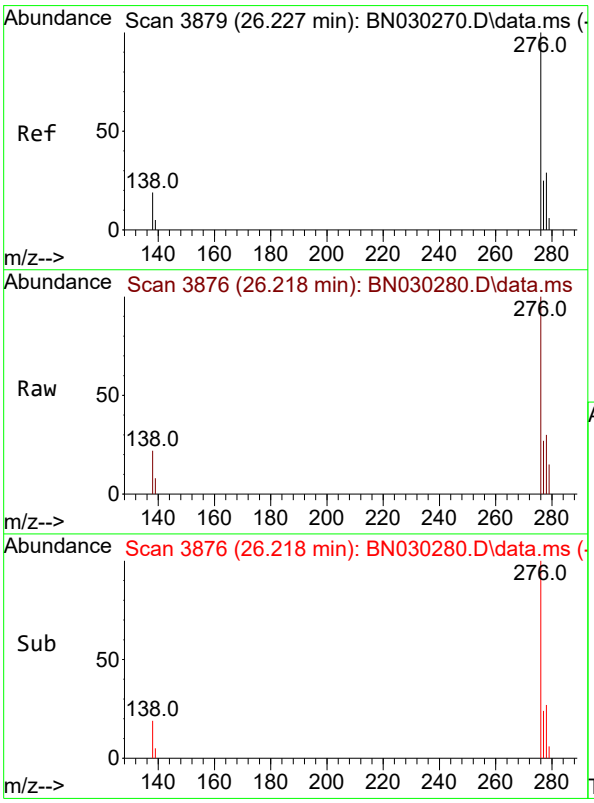
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.794 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 4379

Ion	Ratio	Lower	Upper
264	100		
260	28.1	21.7	32.5
265	57.9	50.8	76.2

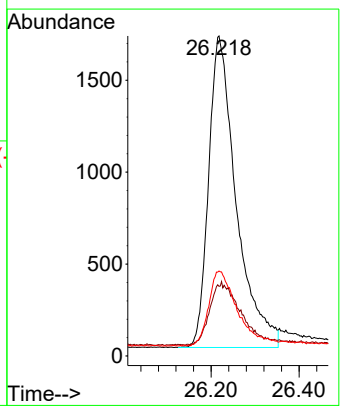


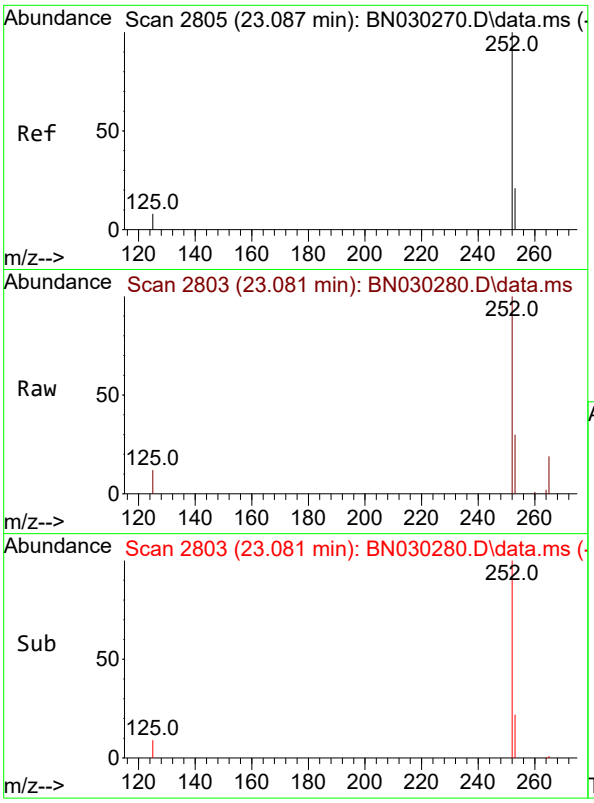


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng
RT: 26.218 min Scan# 3876
Delta R.T. -0.009 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:276 Resp: 7387

Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.4	26.2
277	24.1	18.9	28.3



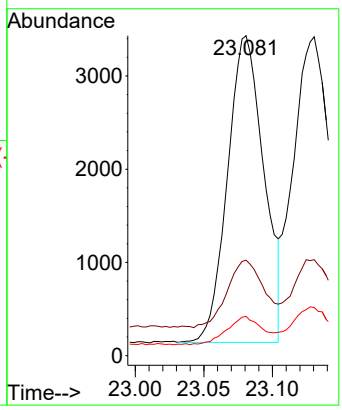


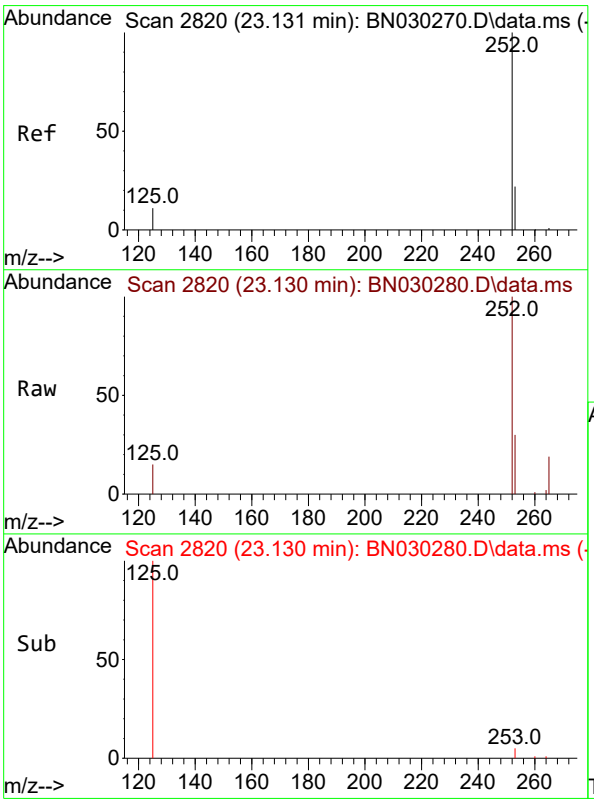
#37
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 23.081 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6072

Ion	Ratio	Lower	Upper
252	100		
253	29.8	25.4	38.0
125	12.3	10.0	15.0

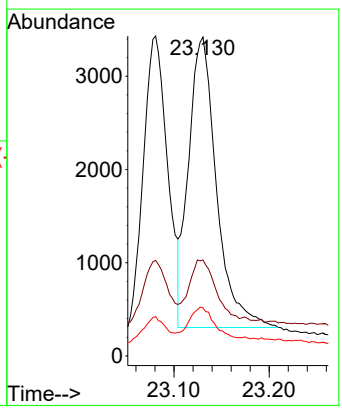


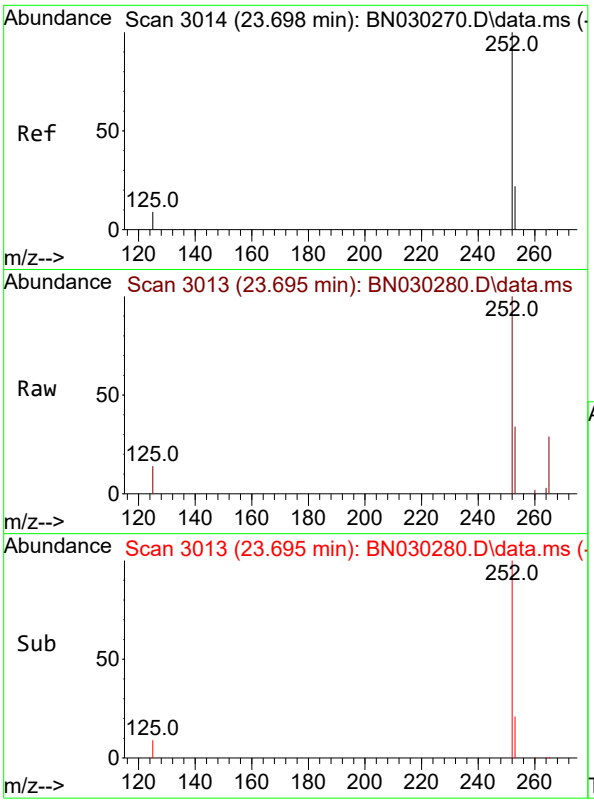


#38
Benzo(k)fluoranthene
Concen: 0.409 ng
RT: 23.130 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:252 Resp: 6353

Ion	Ratio	Lower	Upper
252	100		
253	30.1	25.7	38.5
125	15.1	11.5	17.3



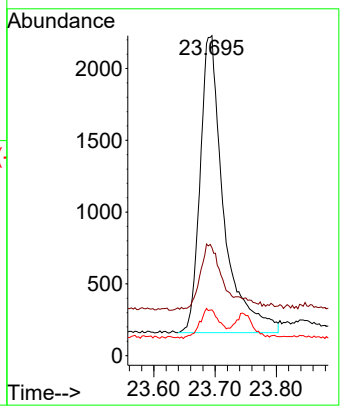


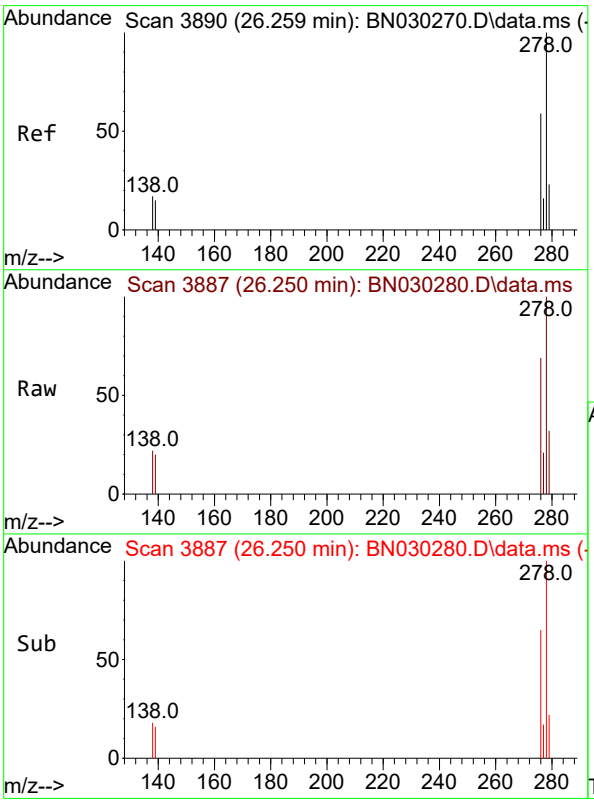
#39
Benzo(a)pyrene
Concen: 0.408 ng
RT: 23.695 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 5515

Ion	Ratio	Lower	Upper
252	100		
253	33.7	30.8	46.2
125	14.3	12.5	18.7

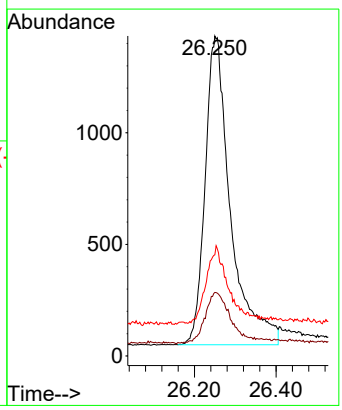


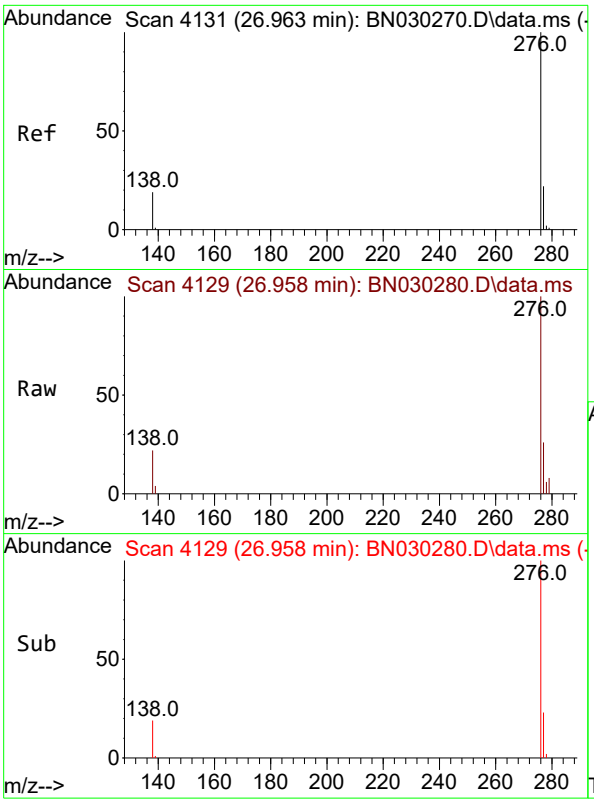


#40
Dibenzo(a,h)anthracene
Concen: 0.415 ng
RT: 26.250 min Scan# 3887
Delta R.T. -0.009 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Tgt Ion:278 Resp: 5978

Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.5	23.3
279	31.6	27.3	40.9





#41
Benzo(g,h,i)perylene
Concen: 0.408 ng
RT: 26.958 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN030280.D
Acq: 06 Mar 2024 01:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 6789

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.6	30.8
138	21.7	18.2	27.4