Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
Data File : BN029315.D
Acq On : 19 Jan 2024 21:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 19 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:49:42 2024
Response via : Initial Calibration

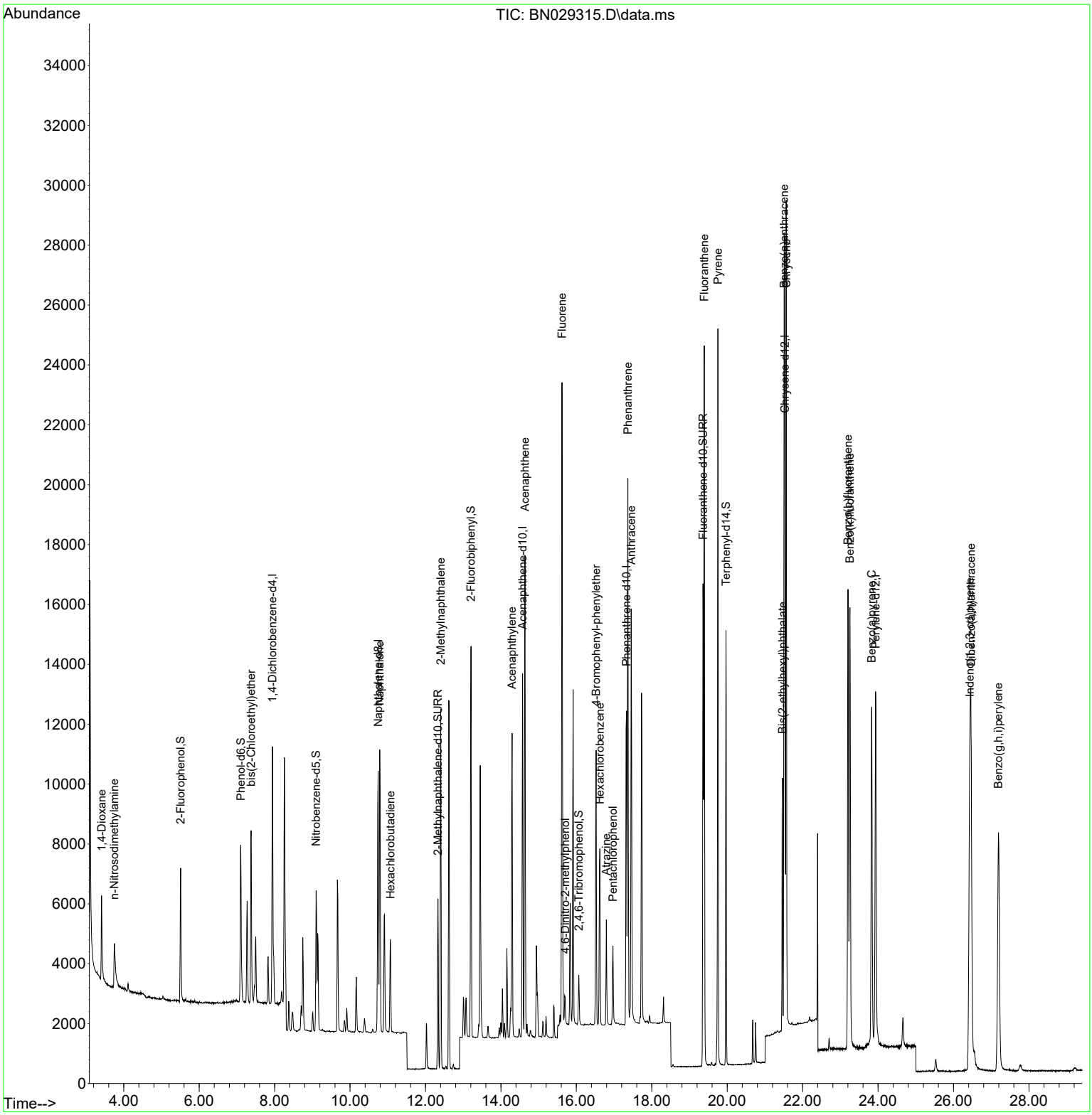
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	4201	0.400	ng		0.00
7) Naphthalene-d8	10.744	136	11634	0.400	ng		0.00
13) Acenaphthene-d10	14.575	164	6679	0.400	ng		0.00
19) Phenanthrene-d10	17.330	188	16003	0.400	ng		0.00
29) Chrysene-d12	21.528	240	14883	0.400	ng	#	0.00
35) Perylene-d12	23.937	264	16481	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.507	112	3711	0.356	ng		0.00
5) Phenol-d6	7.103	99	5033	0.364	ng		0.00
8) Nitrobenzene-d5	9.099	82	3816	0.354	ng		0.00
11) 2-Methylnaphthalene-d10	12.329	152	7528	0.379	ng		0.00
14) 2,4,6-Tribromophenol	16.064	330	919	0.449	ng		0.00
15) 2-Fluorobiphenyl	13.207	172	11060	0.356	ng		0.00
27) Fluoranthene-d10	19.359	212	17953	0.370	ng		0.00
31) Terphenyl-d14	19.968	244	13460	0.361	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.413	88	1996	0.389	ng		96
3) n-Nitrosodimethylamine	3.752	42	1614	0.316	ng	#	96
6) bis(2-Chloroethyl)ether	7.378	93	4541	0.350	ng		99
9) Naphthalene	10.786	128	12458	0.344	ng		99
10) Hexachlorobutadiene	11.075	225	2698	0.344	ng	#	100
12) 2-Methylnaphthalene	12.405	142	8215	0.338	ng		99
16) Acenaphthylene	14.297	152	11298	0.333	ng		100
17) Acenaphthene	14.639	154	7842	0.340	ng		99
18) Fluorene	15.617	166	10702	0.339	ng		100
20) 4,6-Dinitro-2-methylph...	15.704	198	700	0.389	ng		96
21) 4-Bromophenyl-phenylether	16.523	248	3618	0.425	ng		99
22) Hexachlorobenzene	16.622	284	4831	0.347	ng		99
23) Atrazine	16.796	200	2567	0.326	ng		99
24) Pentachlorophenol	16.970	266	1349	0.314	ng		94
25) Phenanthrene	17.367	178	18164	0.340	ng		100
26) Anthracene	17.454	178	15239	0.326	ng		100
28) Fluoranthene	19.392	202	21794	0.333	ng		99
30) Pyrene	19.754	202	21759	0.346	ng		100
32) Benzo(a)anthracene	21.510	228	19658	0.342	ng		99
33) Chrysene	21.564	228	21982	0.358	ng		99
34) Bis(2-ethylhexyl)phtha...	21.465	149	8463	0.327	ng		100
36) Indeno(1,2,3-cd)pyrene	26.431	276	22263	0.302	ng		99
37) Benzo(b)fluoranthene	23.204	252	20461	0.295	ng		98
38) Benzo(k)fluoranthene	23.253	252	20932	0.310	ng		98
39) Benzo(a)pyrene	23.829	252	17576	0.314	ng		97
40) Dibenzo(a,h)anthracene	26.463	278	17778	0.299	ng		97
41) Benzo(g,h,i)perylene	27.191	276	18550	0.295	ng		99

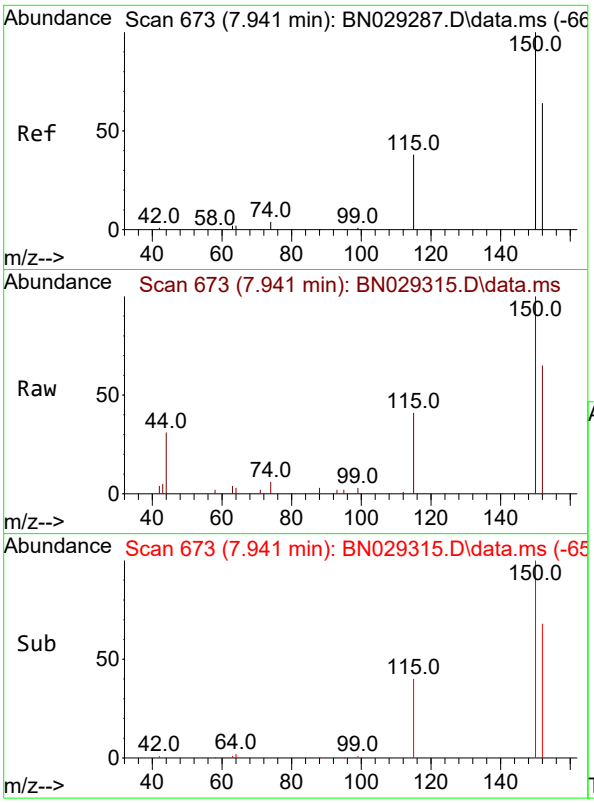
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
Data File : BN029315.D
Acq On : 19 Jan 2024 21:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 19 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:49:42 2024
Response via : Initial Calibration



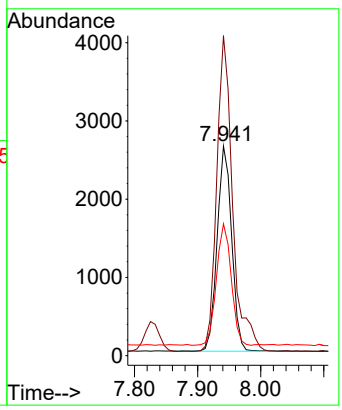


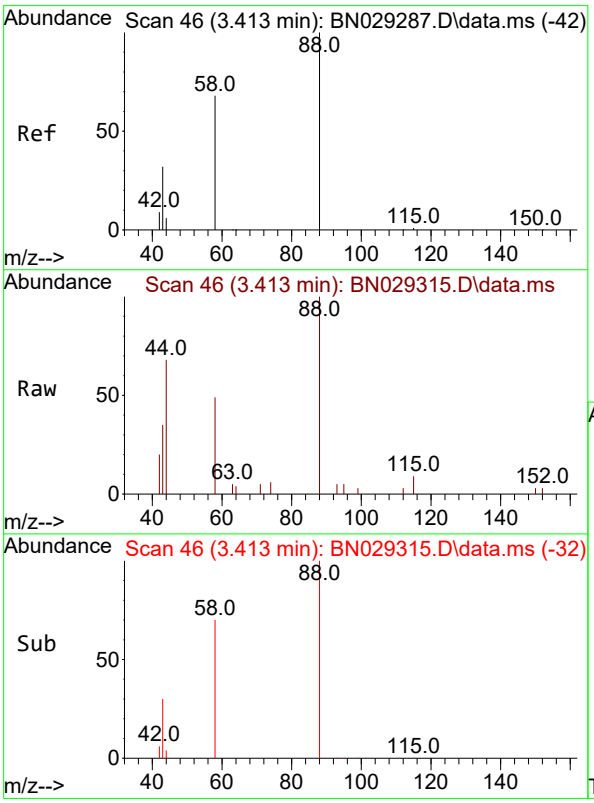
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.941 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4201

Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.6	186.8
115	62.9	50.6	76.0

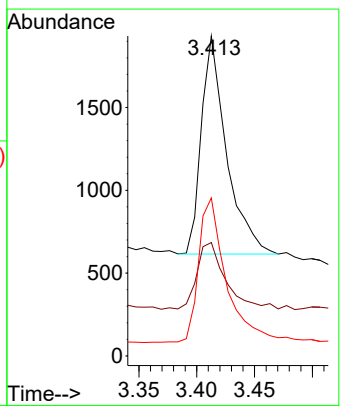


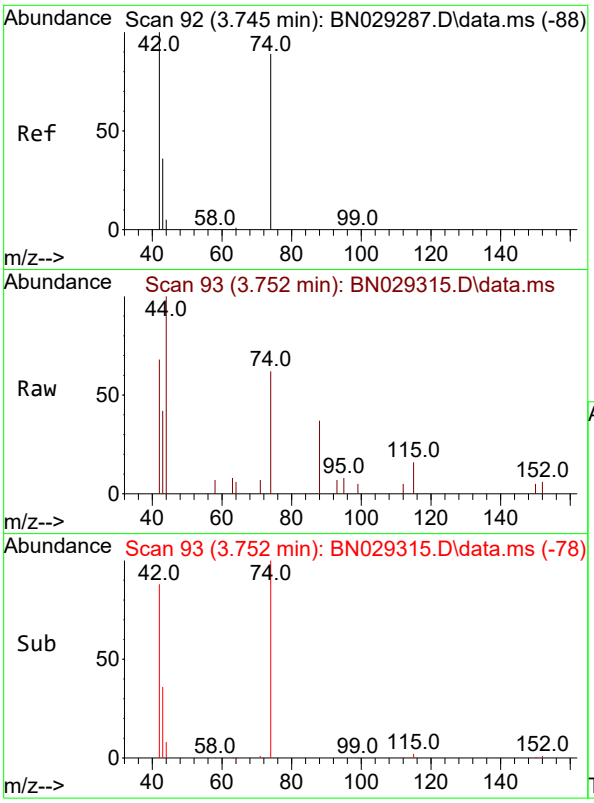


#2
1,4-Dioxane
Concen: 0.389 ng
RT: 3.413 min Scan# 46
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion: 88 Resp: 1996

Ion	Ratio	Lower	Upper
88	100		
43	34.9	26.2	39.2
58	72.4	55.3	82.9



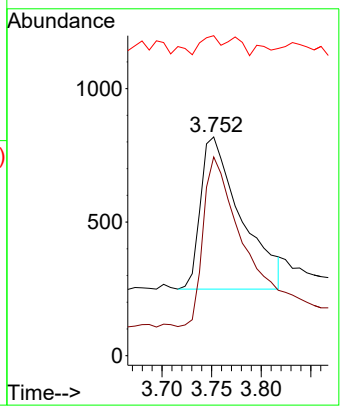


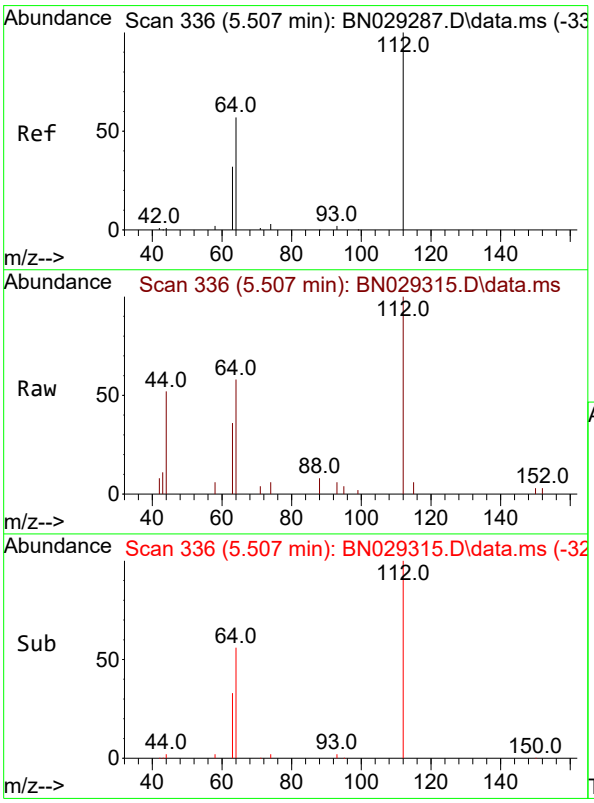
#3
n-Nitrosodimethylamine
Concen: 0.316 ng
RT: 3.752 min Scan# 9
Delta R.T. 0.007 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1614

Ion	Ratio	Lower	Upper
42	100		
74	110.7	85.4	128.2
44	5.7	2.8	4.2#

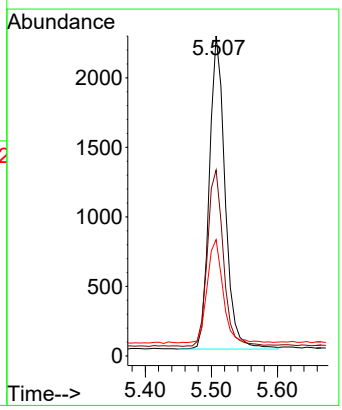


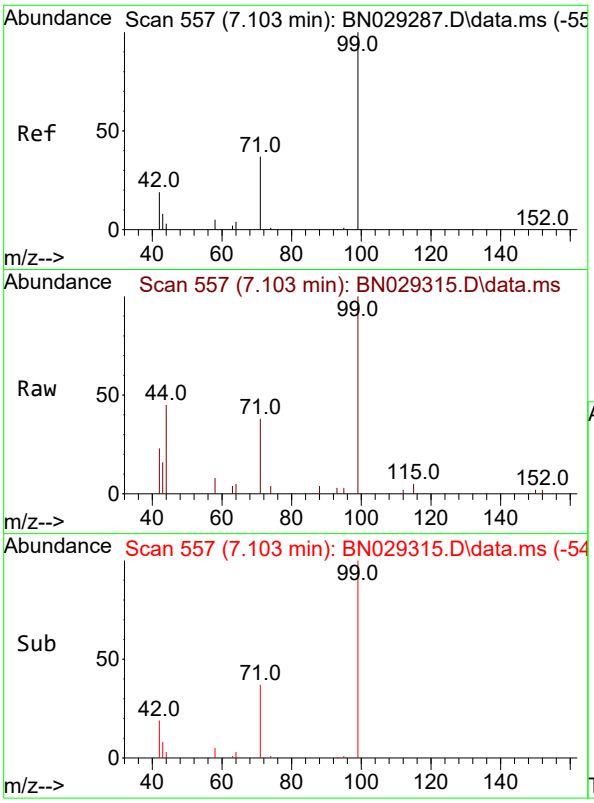


#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.507 min Scan# 336
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:112 Resp: 3711

Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.7	68.5
63	33.3	26.6	39.8



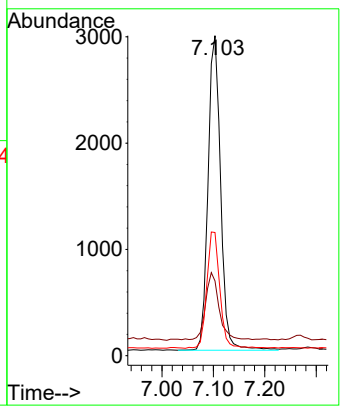


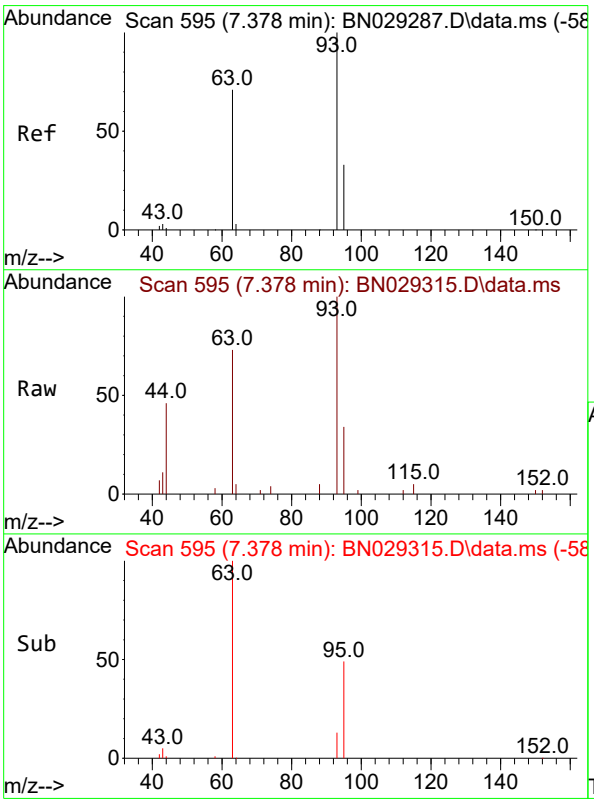
#5
Phenol-d6
Concen: 0.364 ng
RT: 7.103 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5033

Ion	Ratio	Lower	Upper
99	100		
42	22.4	19.1	28.7
71	38.3	31.2	46.8

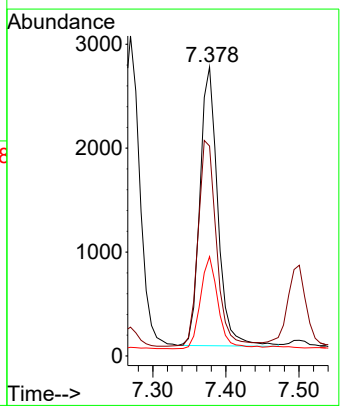


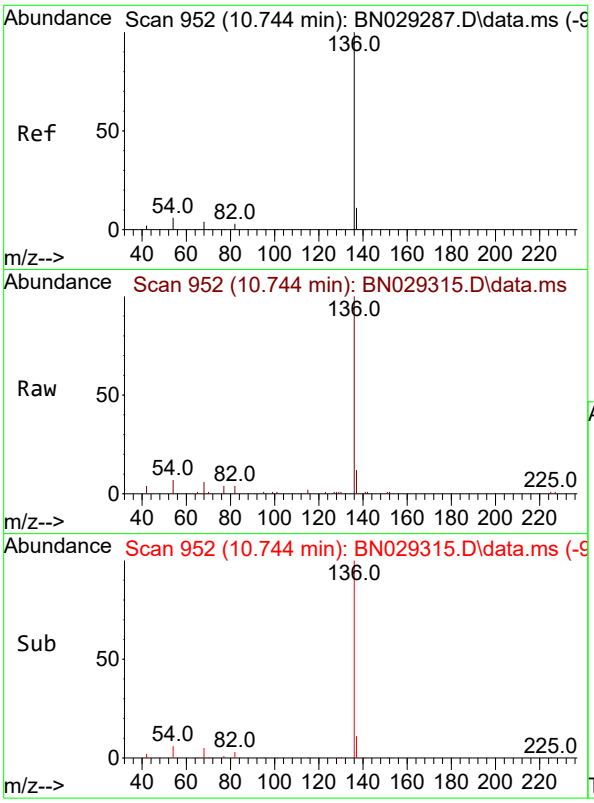


#6
bis(2-Chloroethyl)ether
Concen: 0.350 ng
RT: 7.378 min Scan# 595
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion: 93 Resp: 4541

Ion	Ratio	Lower	Upper
93	100		
63	75.7	61.3	91.9
95	33.0	26.3	39.5



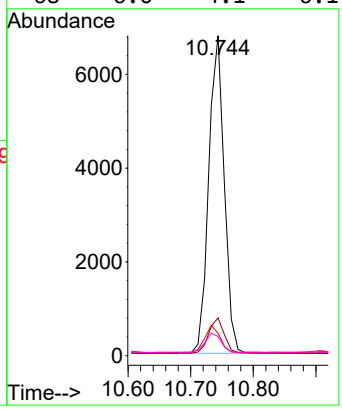


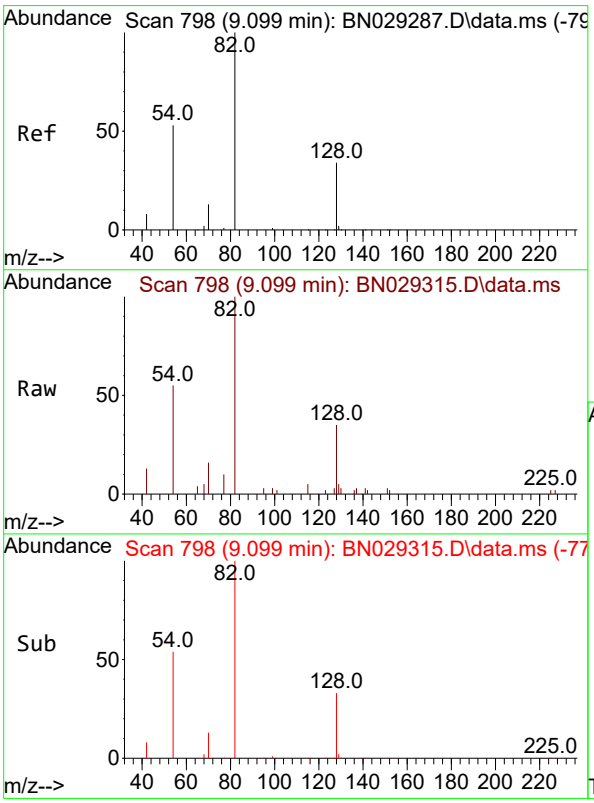
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.744 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 11634

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	7.0	5.2	7.8
68	6.0	4.1	6.1

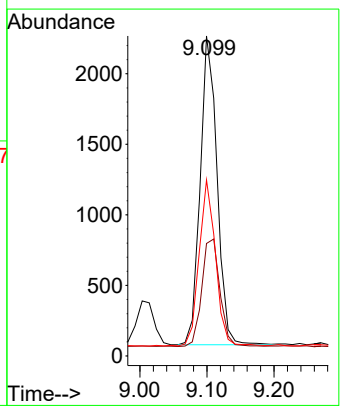


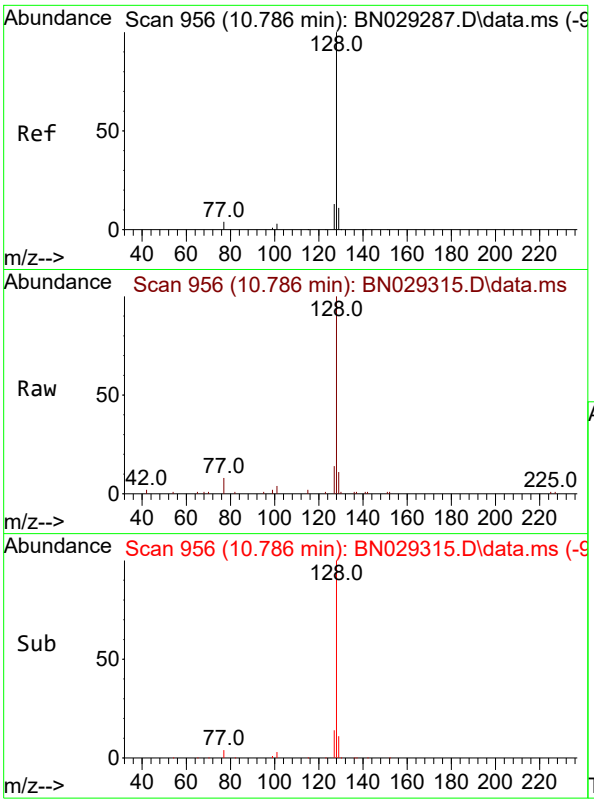


#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 9.099 min Scan# 798
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion: 82 Resp: 3816

Ion	Ratio	Lower	Upper
82	100		
128	35.1	28.6	43.0
54	55.0	42.9	64.3



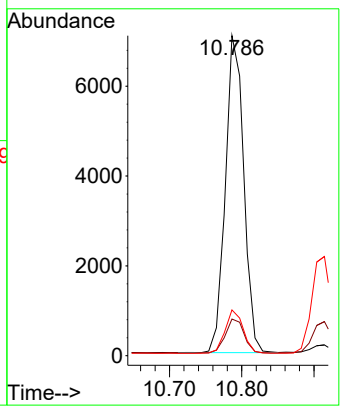


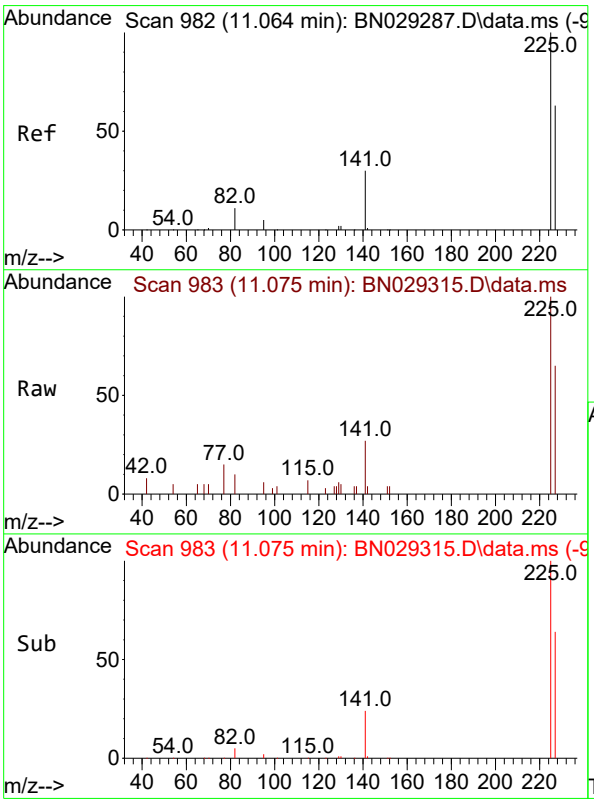
#9
Naphthalene
Concen: 0.344 ng
RT: 10.786 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 12458

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	14.3	11.2	16.8

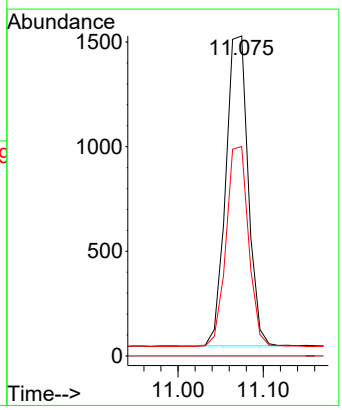


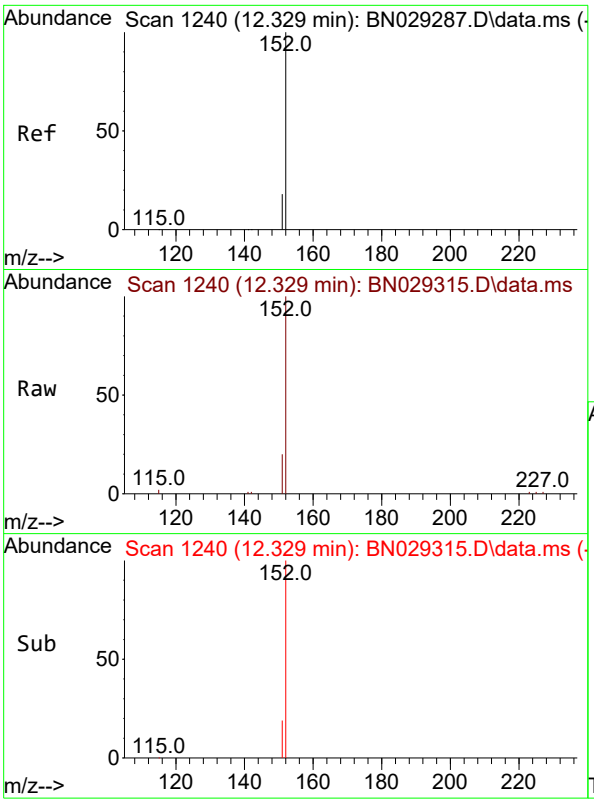


#10
Hexachlorobutadiene
Concen: 0.344 ng
RT: 11.075 min Scan# 983
Delta R.T. 0.011 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:225 Resp: 2698

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	51.3	76.9



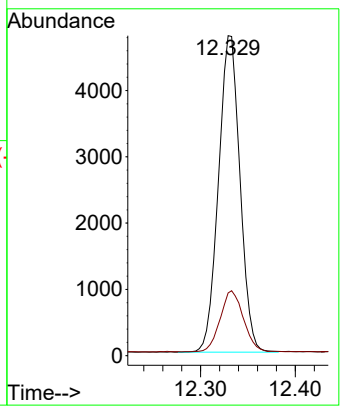


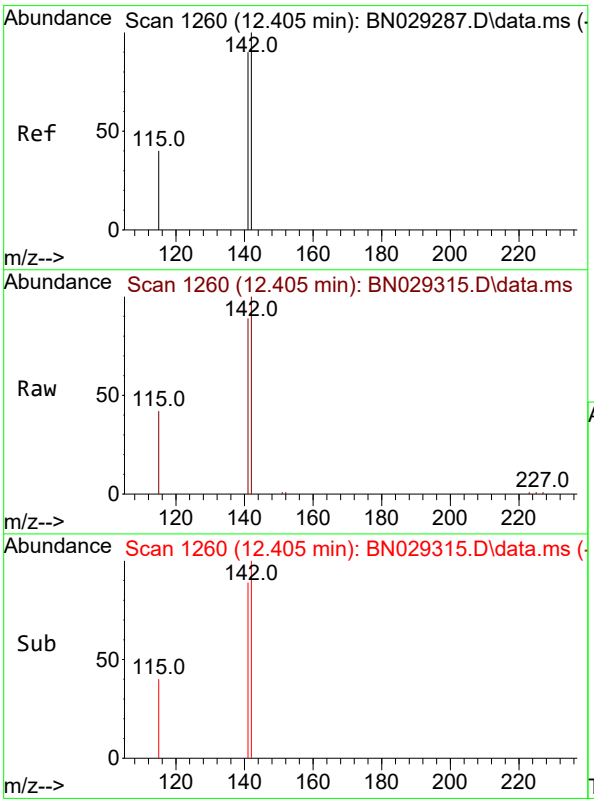
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7528

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	24.8

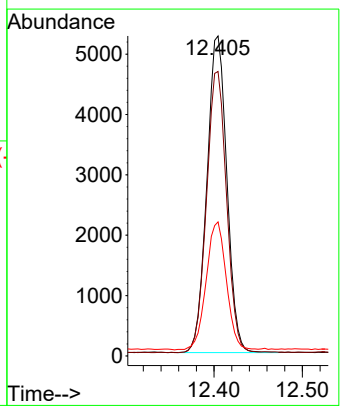


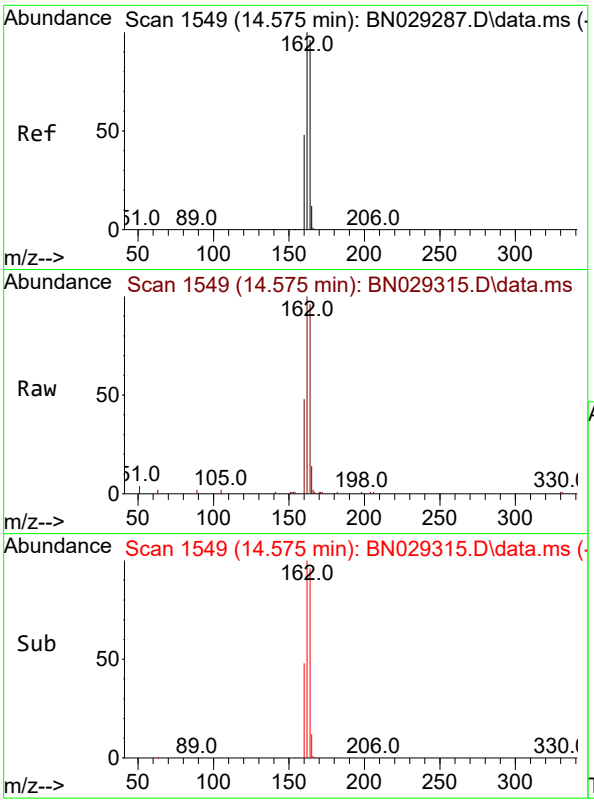


#12
2-Methylnaphthalene
Concen: 0.338 ng
RT: 12.405 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:142 Resp: 8215

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.2	108.2
115	41.9	32.9	49.3



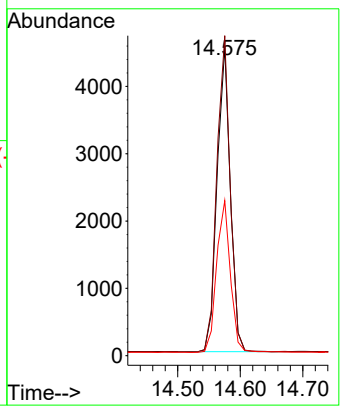


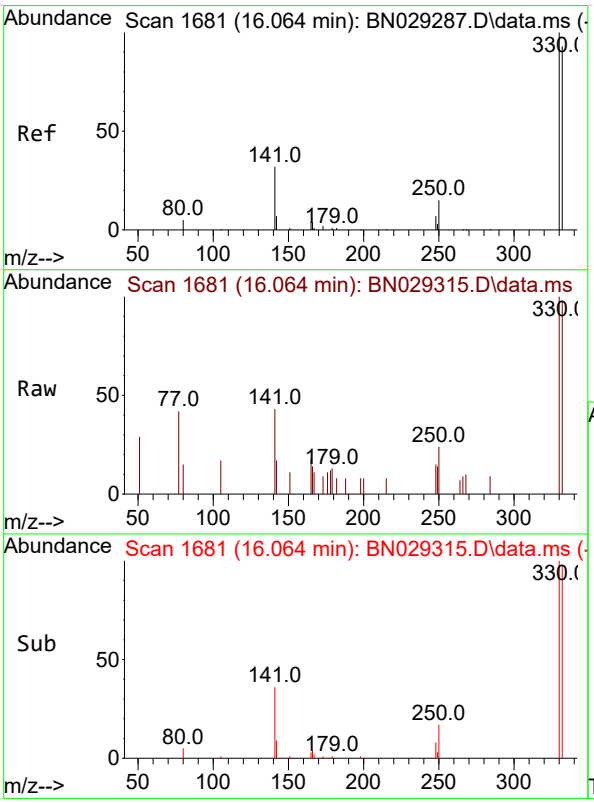
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.575 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 6679

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.4	125.2
160	50.2	40.6	61.0

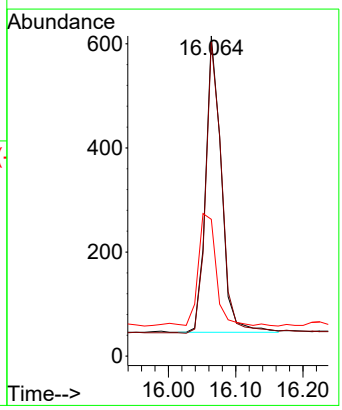


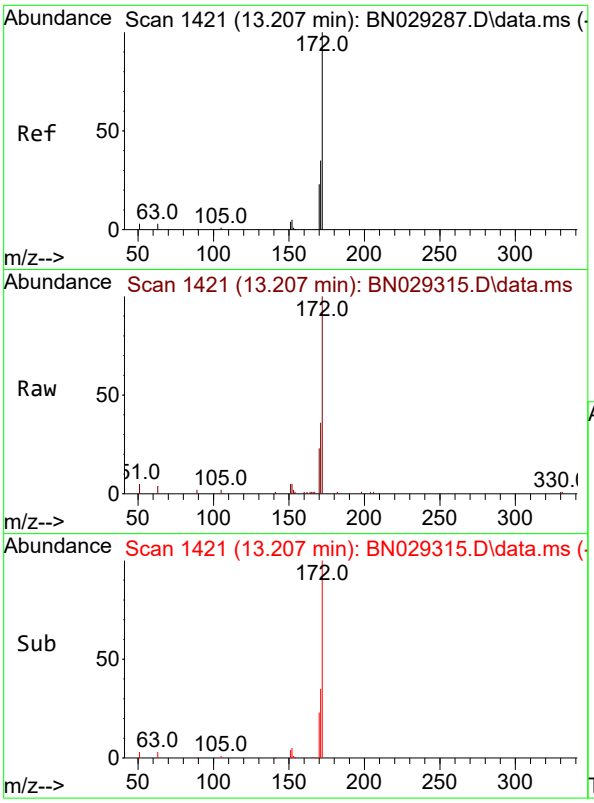


#14
2,4,6-Tribromophenol
Concen: 0.449 ng
RT: 16.064 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:330 Resp: 919

Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.0	115.6
141	44.0	34.3	51.5



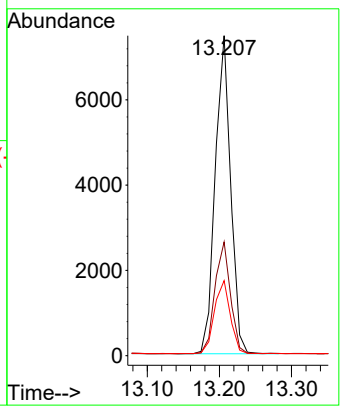


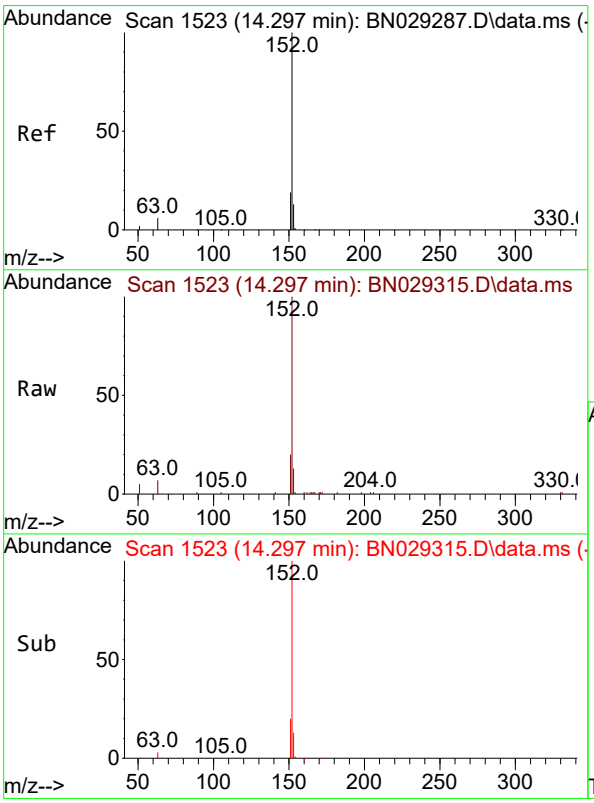
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.207 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 11060

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.0	42.0
170	23.4	18.7	28.1

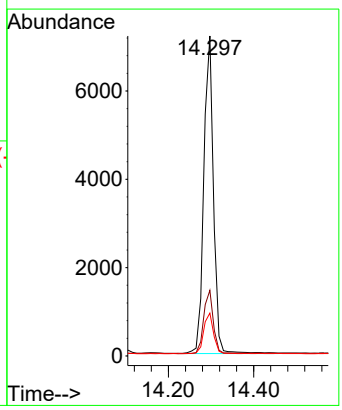


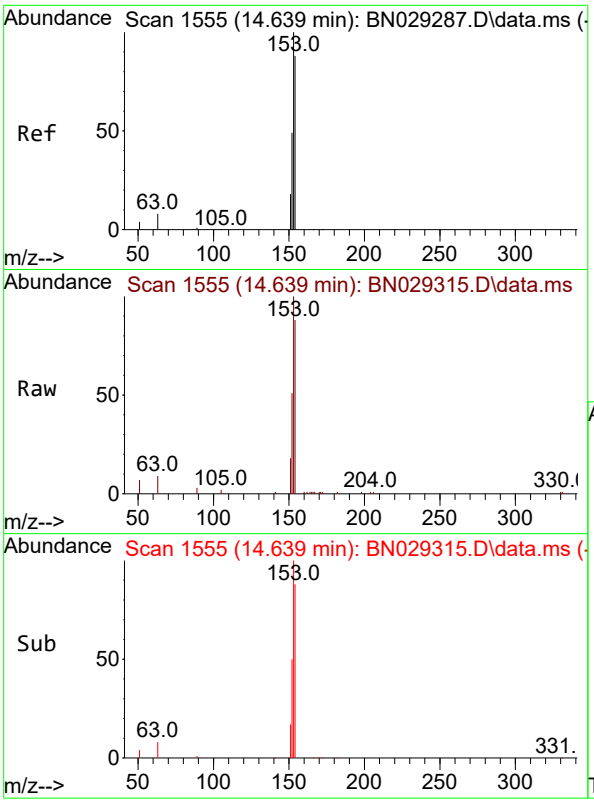


#16
Acenaphthylene
Concen: 0.333 ng
RT: 14.297 min Scan# 1523
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:152 Resp: 11298

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.0	10.6	16.0



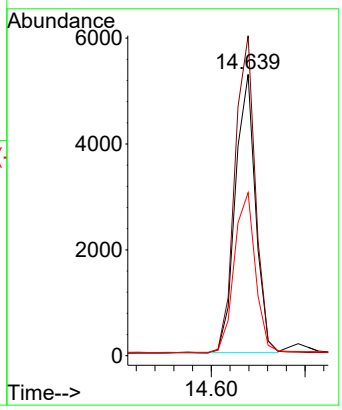


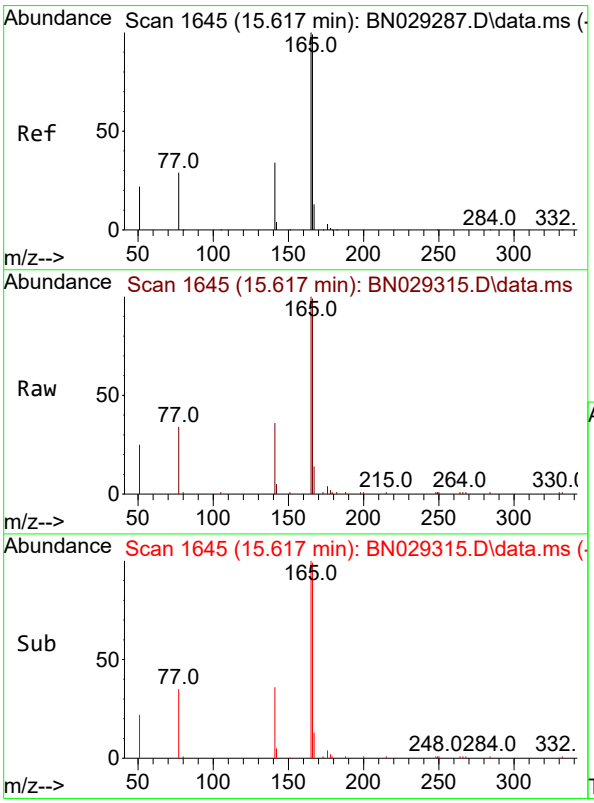
#17
Acenaphthene
Concen: 0.340 ng
RT: 14.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 7842

Ion	Ratio	Lower	Upper
154	100		
153	116.1	92.2	138.2
152	61.1	47.4	71.2

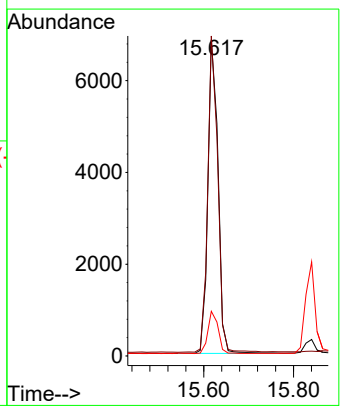


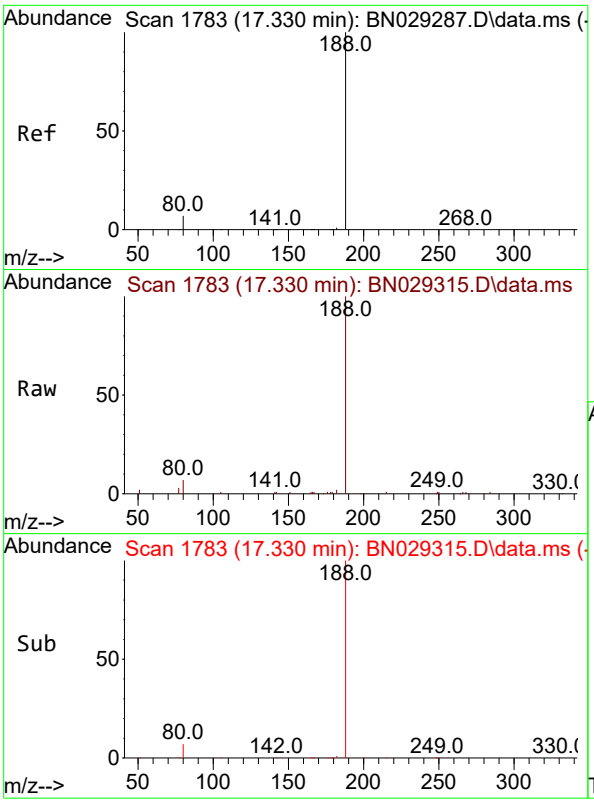


#18
Fluorene
Concen: 0.339 ng
RT: 15.617 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:166 Resp: 10702

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.3	118.9
167	13.6	10.8	16.2



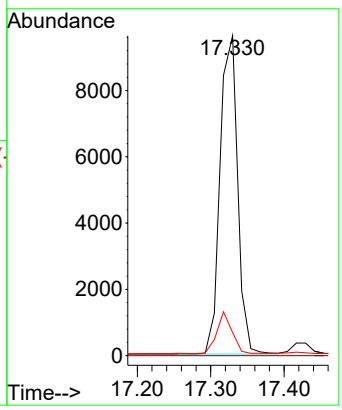


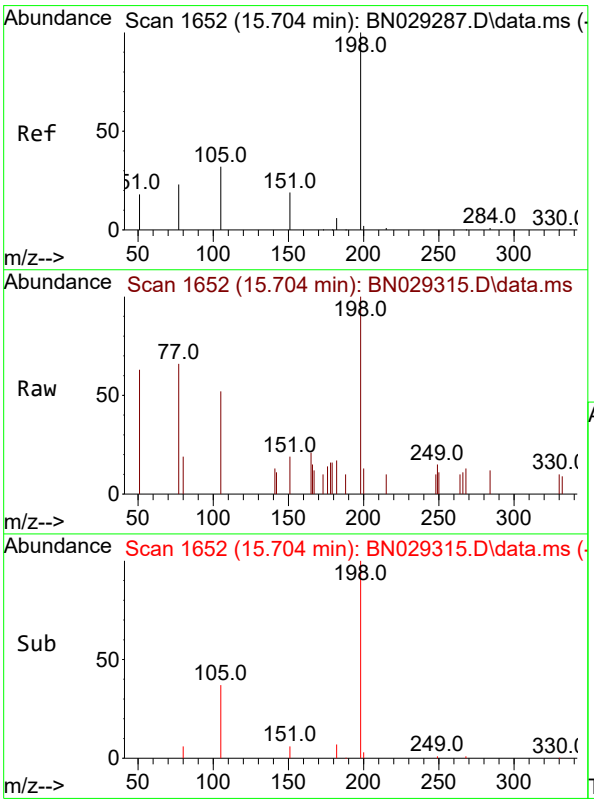
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.330 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 16003

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	5.7	8.5

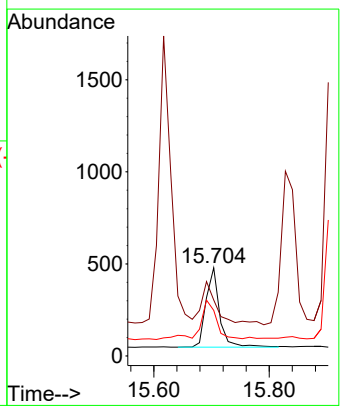


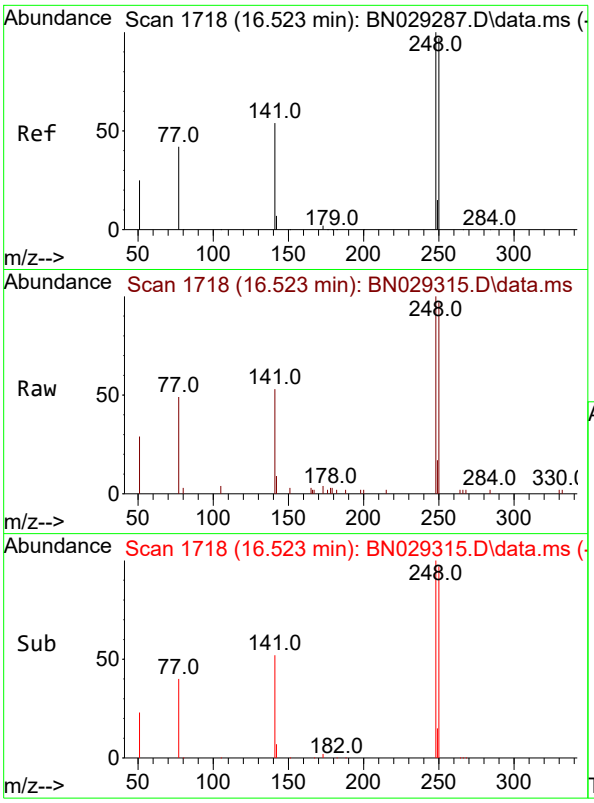


#20
4,6-Dinitro-2-methylphenol
Concen: 0.389 ng
RT: 15.704 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:198 Resp: 700

Ion	Ratio	Lower	Upper
198	100		
51	63.5	48.8	73.2
105	51.8	39.0	58.6



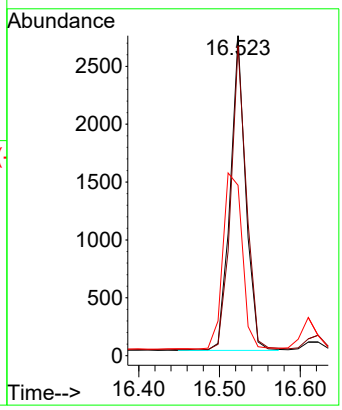


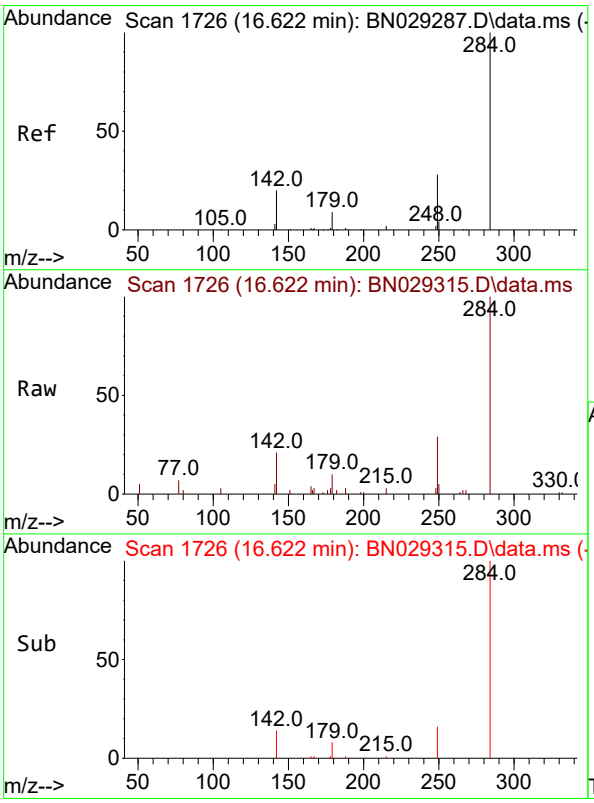
#21
4-Bromophenyl-phenylether
Concen: 0.425 ng
RT: 16.523 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 3618

Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.1	117.1
141	53.3	44.2	66.4

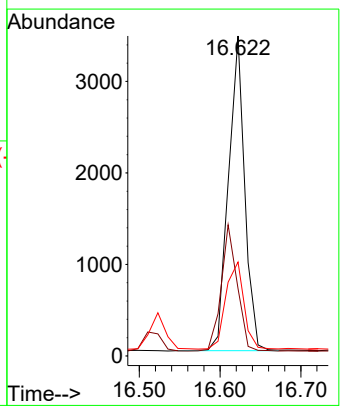


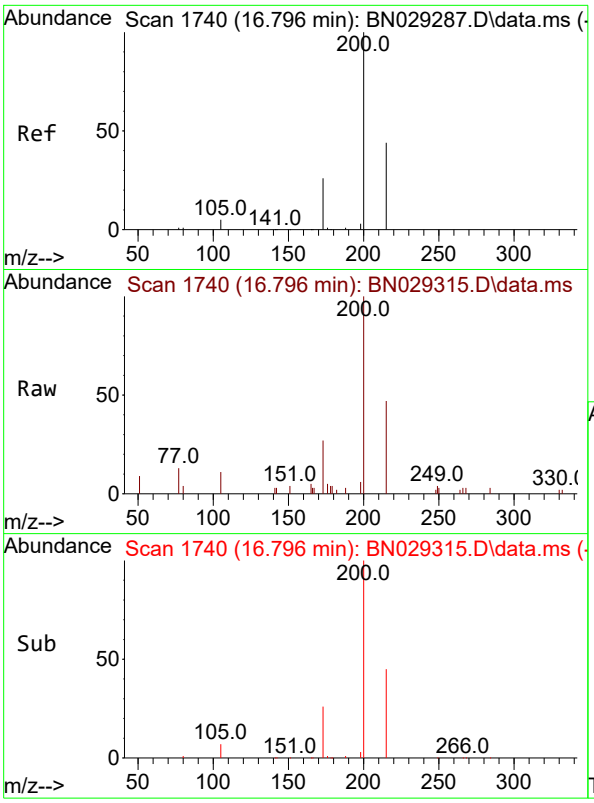


#22
Hexachlorobenzene
Concen: 0.347 ng
RT: 16.622 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:284 Resp: 4831

Ion	Ratio	Lower	Upper
284	100		
142	39.3	30.6	45.8
249	30.7	24.9	37.3



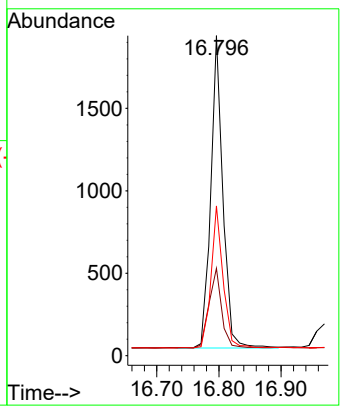


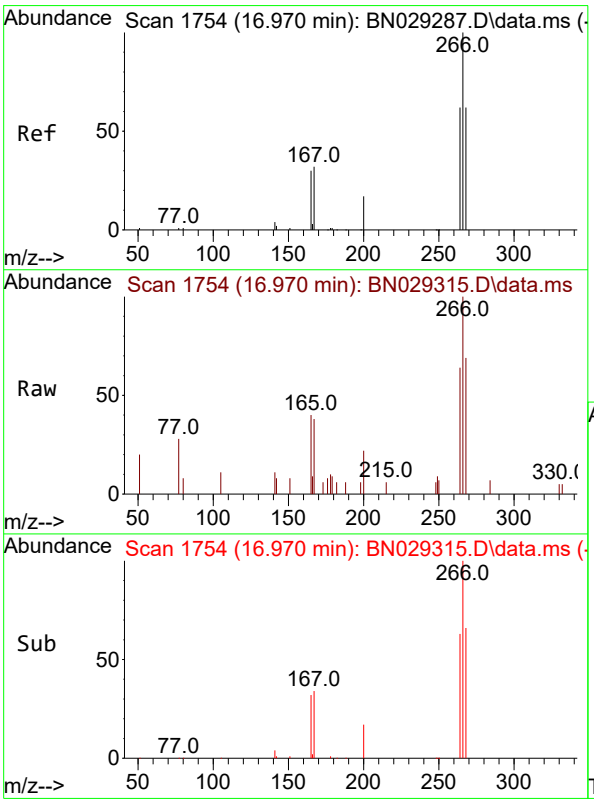
#23
Atrazine
Concen: 0.326 ng
RT: 16.796 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 2567

Ion	Ratio	Lower	Upper
200	100		
173	27.3	22.2	33.4
215	46.8	36.6	54.8

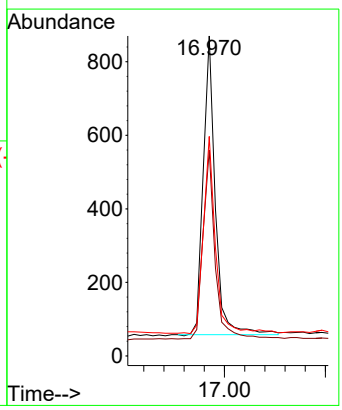


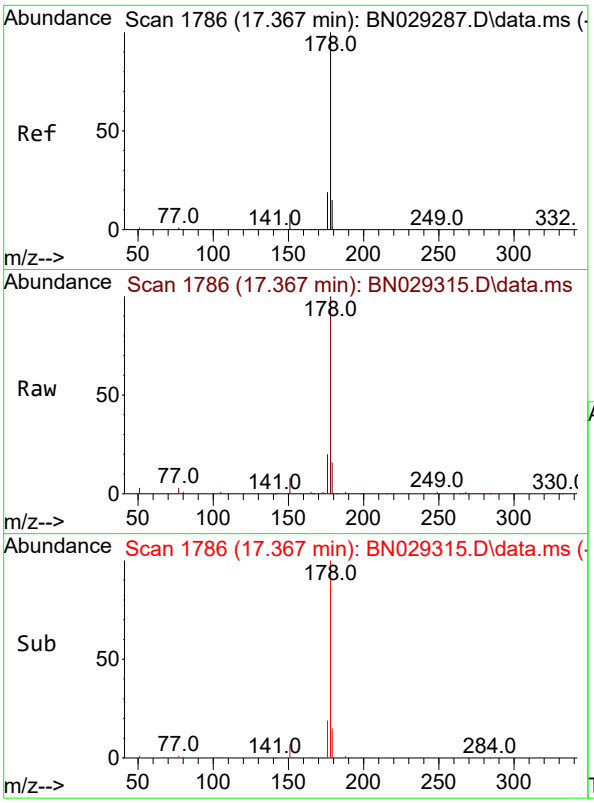


#24
Pentachlorophenol
Concen: 0.314 ng
RT: 16.970 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:266 Resp: 1349

Ion	Ratio	Lower	Upper
266	100		
264	63.9	48.3	72.5
268	65.7	47.7	71.5



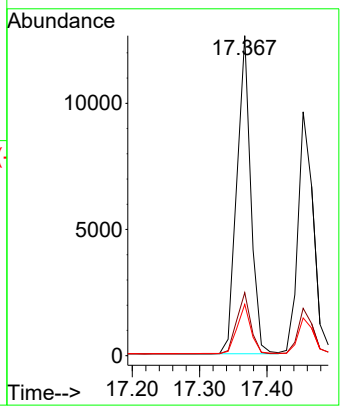


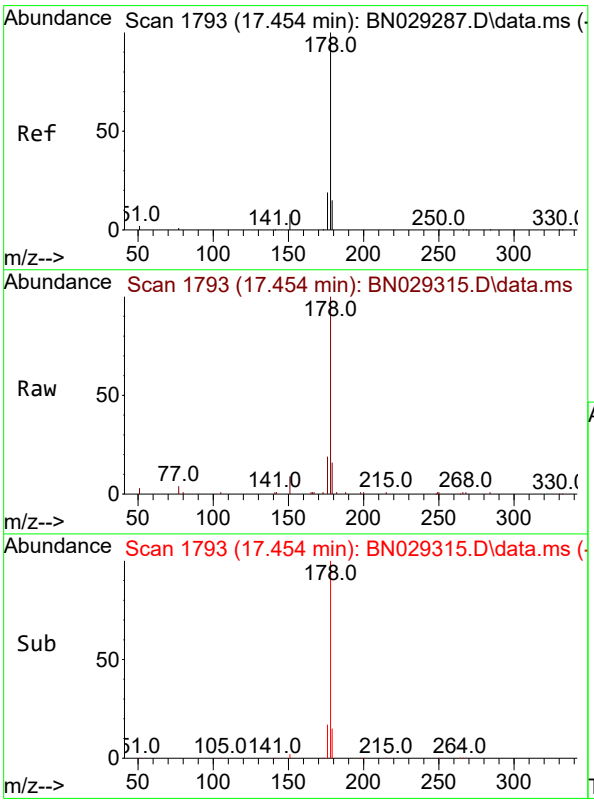
#25
Phenanthrene
Concen: 0.340 ng
RT: 17.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 18164

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.5	12.3	18.5

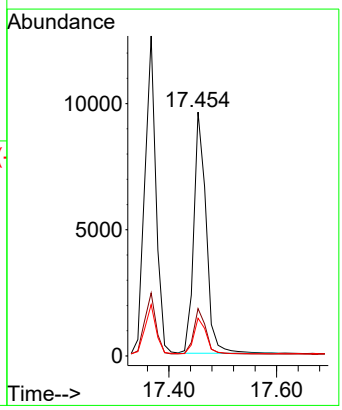


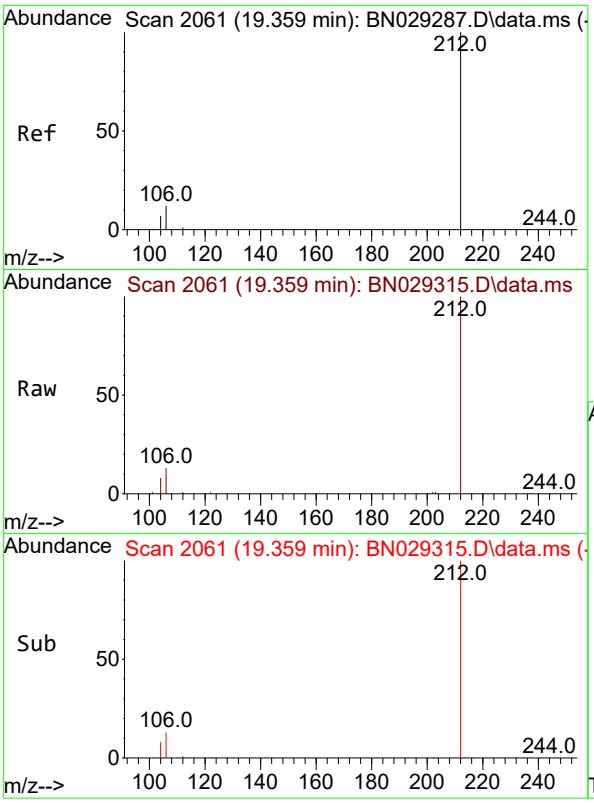


#26
Anthracene
Concen: 0.326 ng
RT: 17.454 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:178 Resp: 15239

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	14.9	12.2	18.2



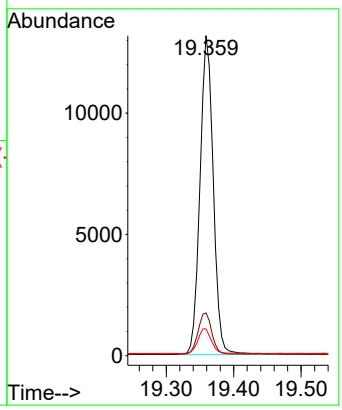


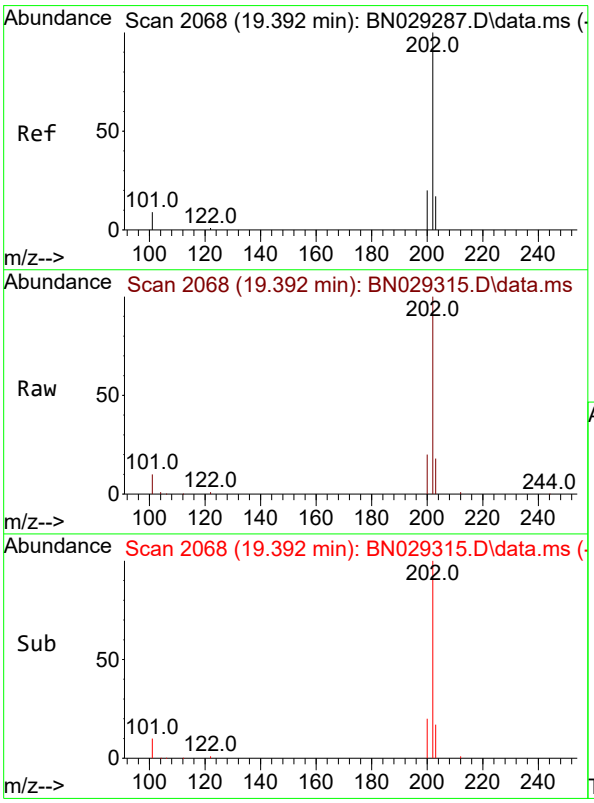
#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.359 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 17953

Ion	Ratio	Lower	Upper
212	100		
106	13.5	9.9	14.9
104	7.9	5.8	8.8

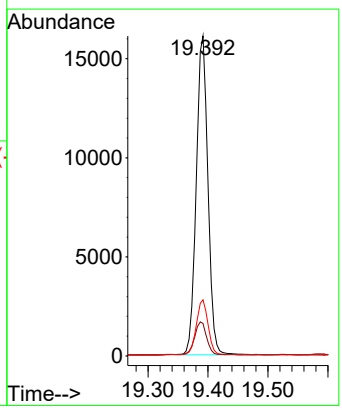


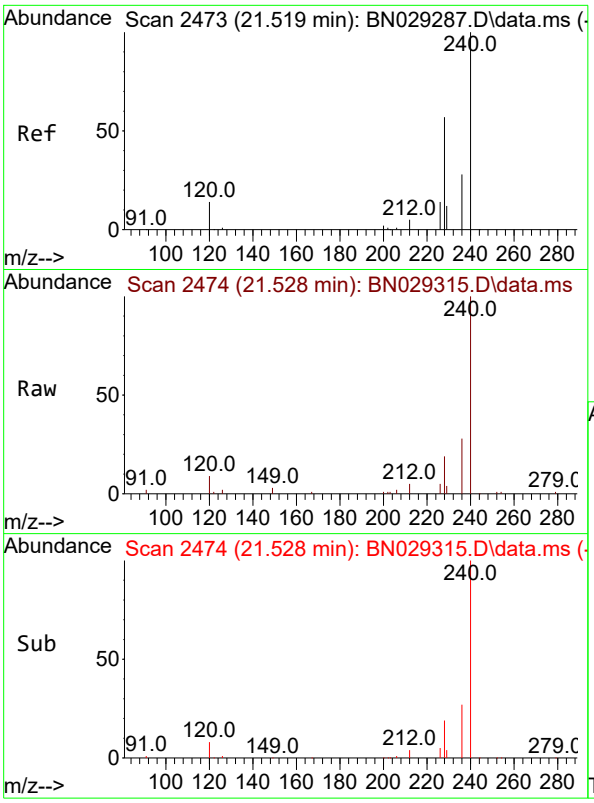


#28
Fluoranthene
Concen: 0.333 ng
RT: 19.392 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:202 Resp: 21794

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.1	12.1
203	17.2	13.8	20.6



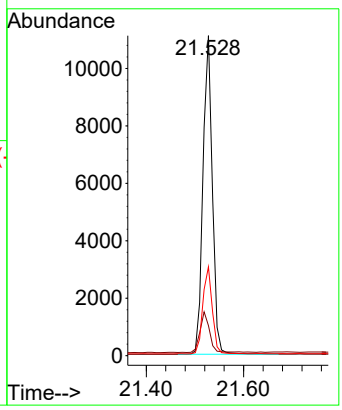


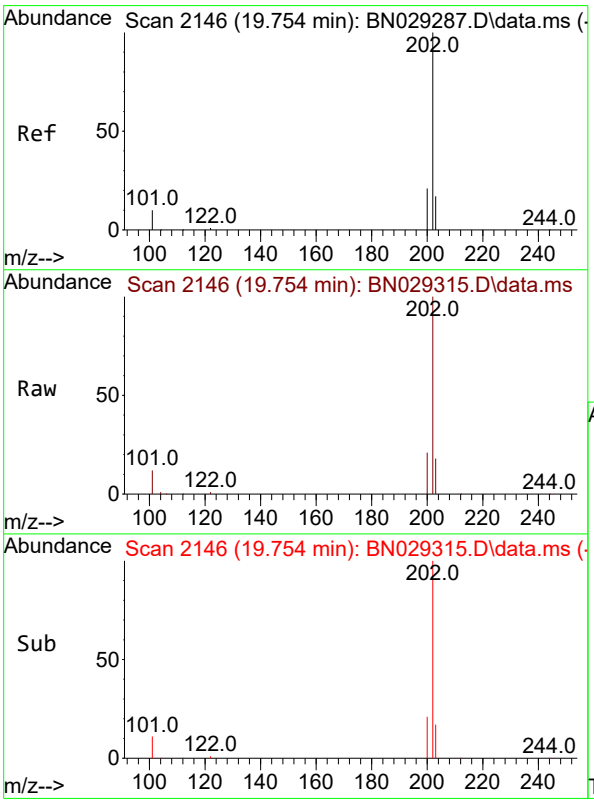
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.528 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 14883

Ion	Ratio	Lower	Upper
240	100		
120	9.4	11.8	17.8#
236	27.7	22.7	34.1

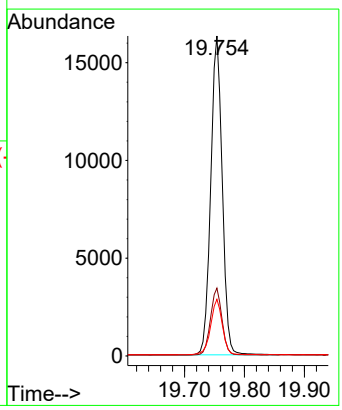


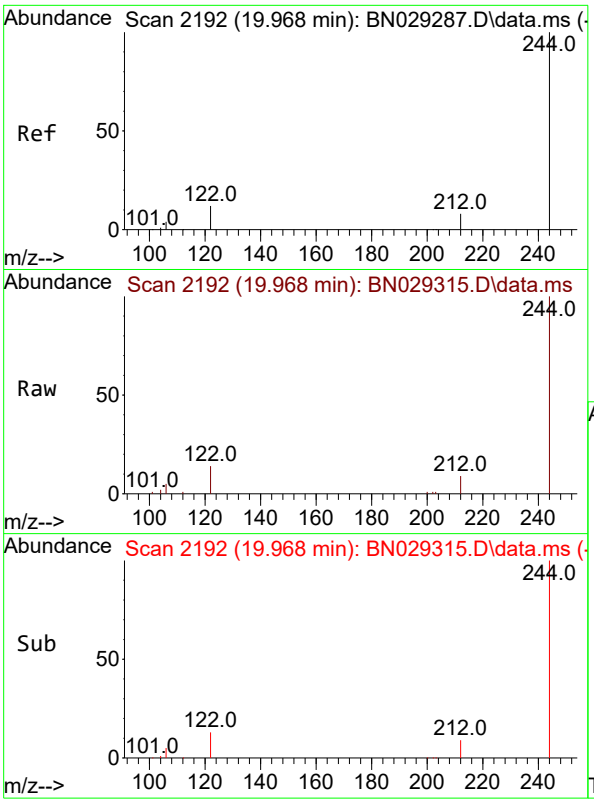


#30
Pyrene
Concen: 0.346 ng
RT: 19.754 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:202 Resp: 21759

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.8	14.2	21.2



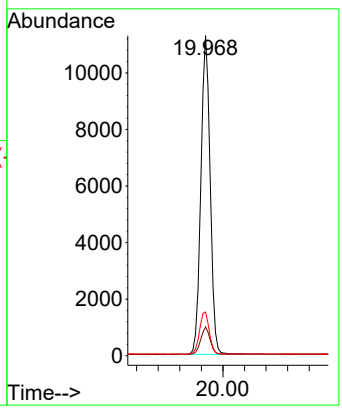


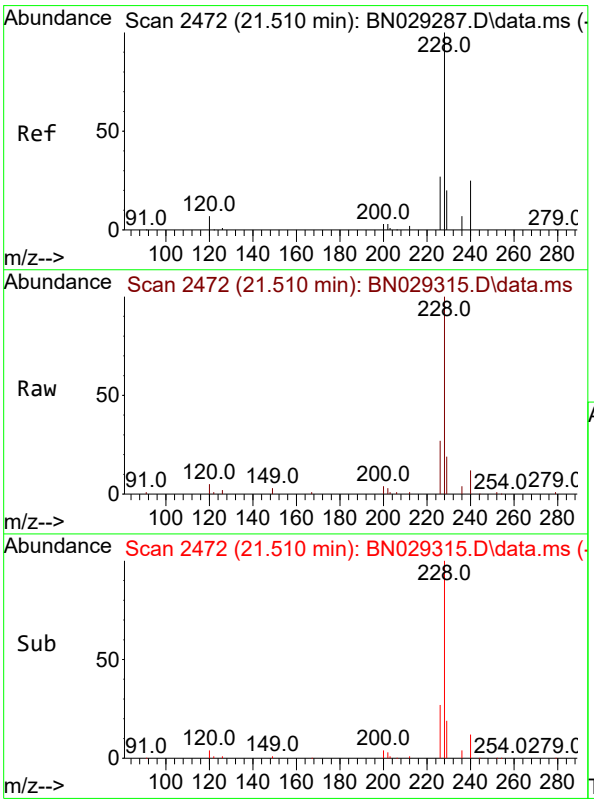
#31
Terphenyl-d14
Concen: 0.361 ng
RT: 19.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 13460

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.4
122	13.6	10.2	15.4

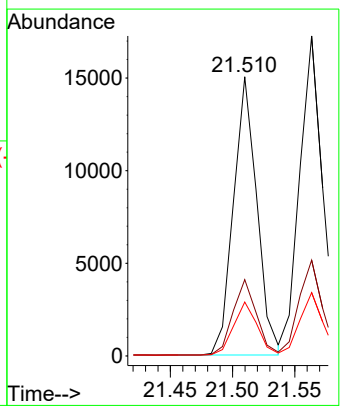


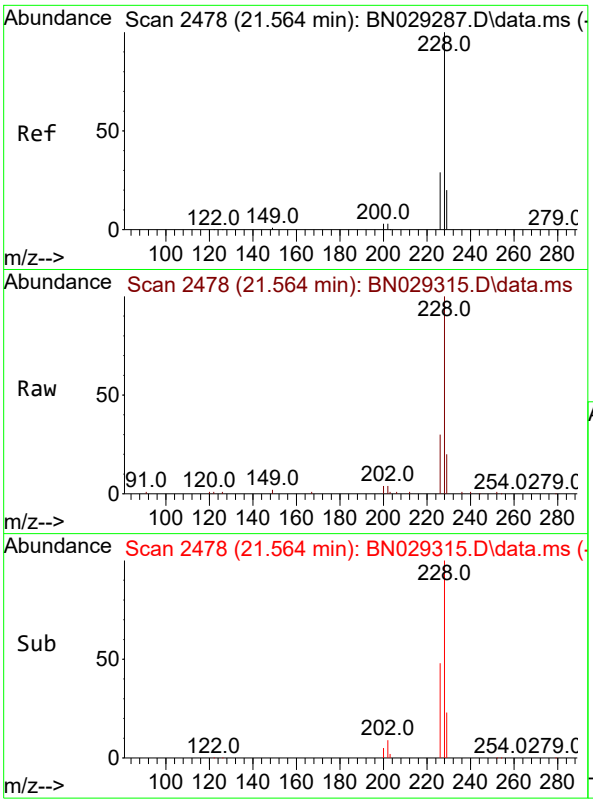


#32
Benzo(a)anthracene
Concen: 0.342 ng
RT: 21.510 min Scan# 2472
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:228 Resp: 19658

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	19.3	16.1	24.1



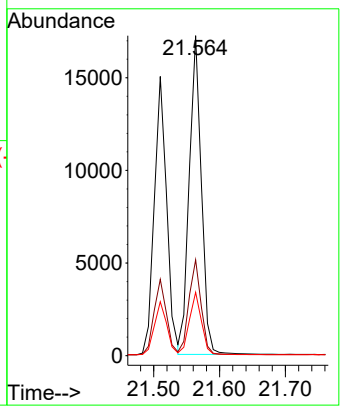


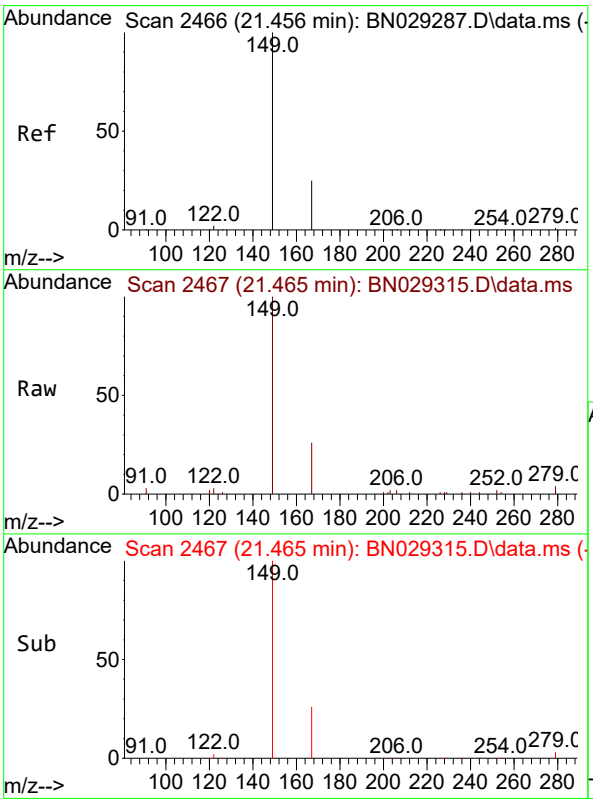
#33
Chrysene
Concen: 0.358 ng
RT: 21.564 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 21982

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	19.8	15.8	23.8

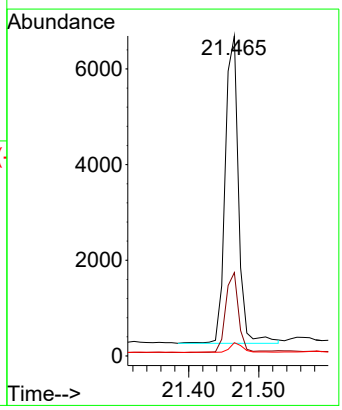


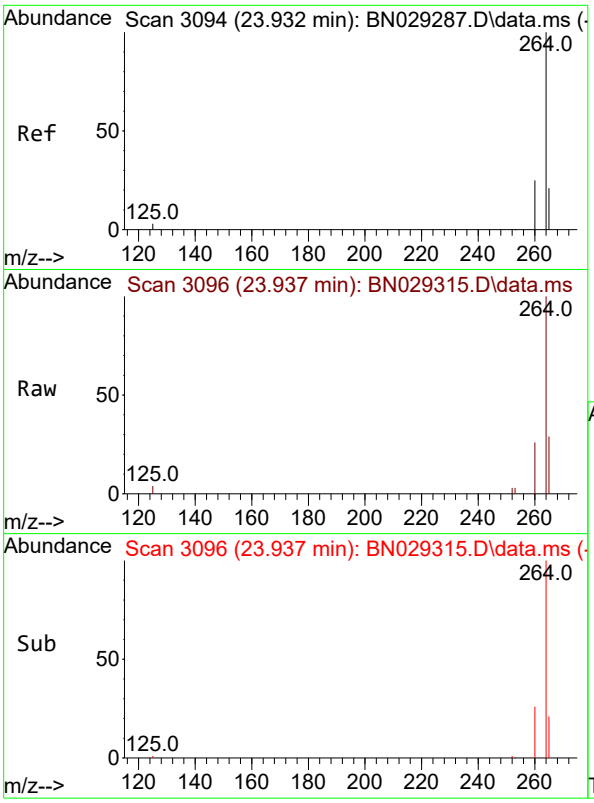


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.327 ng
RT: 21.465 min Scan# 2467
Delta R.T. 0.009 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:149 Resp: 8463

Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.3	30.5
279	3.3	2.6	4.0



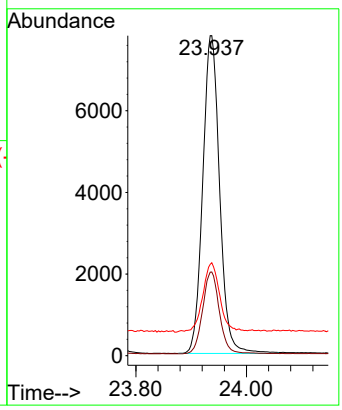


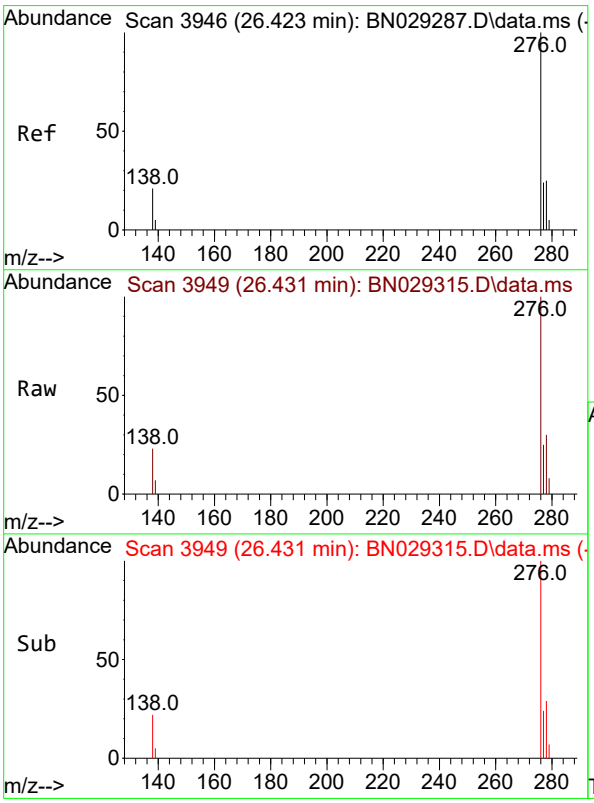
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.937 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 16481

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.7	31.1
265	29.0	21.4	32.0

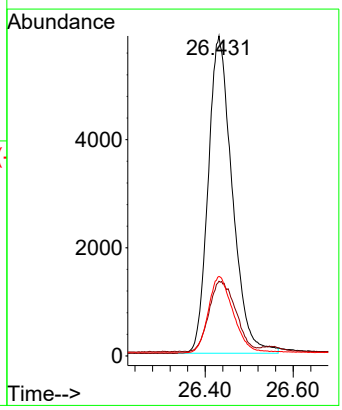


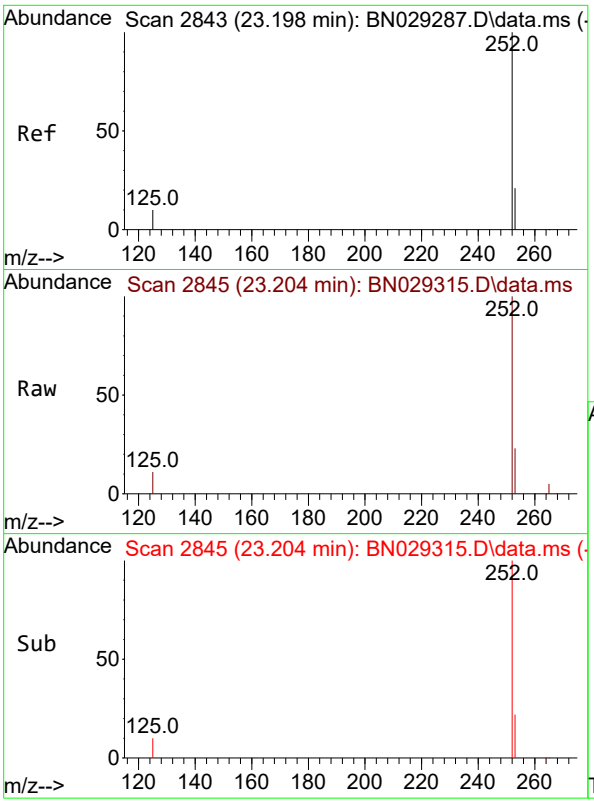


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.302 ng
RT: 26.431 min Scan# 3949
Delta R.T. 0.009 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:276 Resp: 22263

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.4	29.0
277	25.1	20.1	30.1



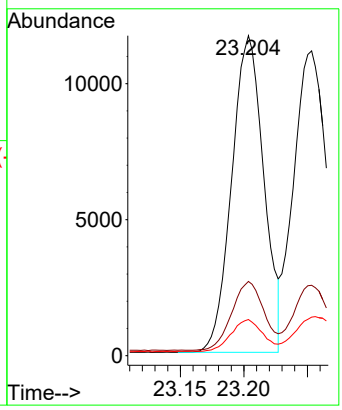


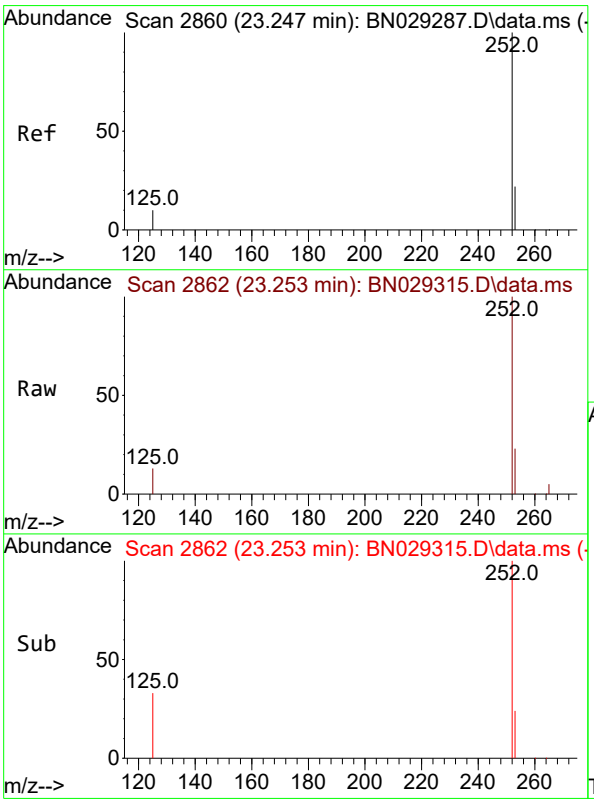
#37
Benzo(b)fluoranthene
Concen: 0.295 ng
RT: 23.204 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 20461

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	11.3	8.3	12.5

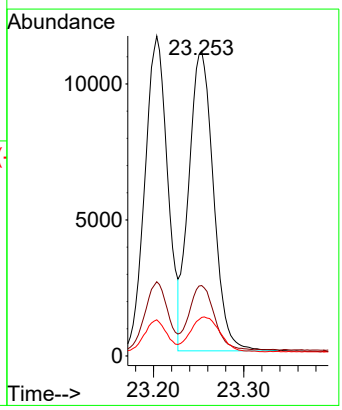


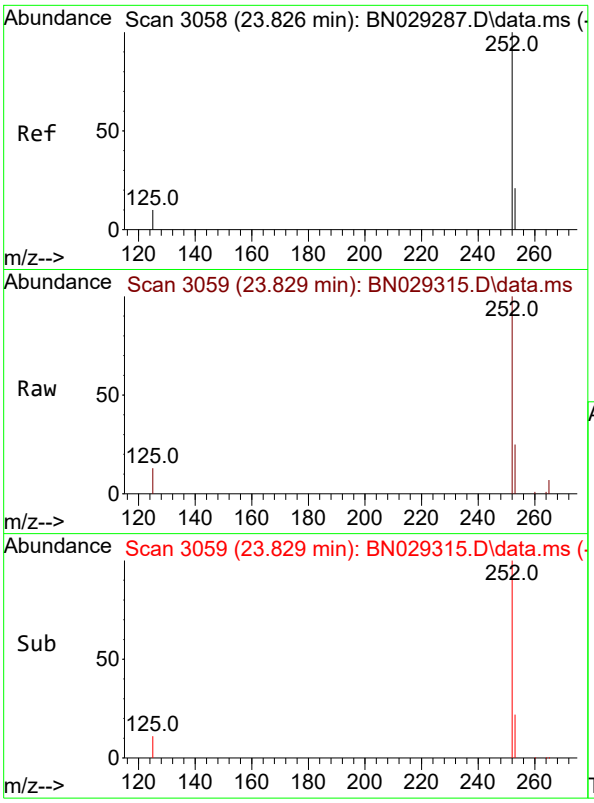


#38
Benzo(k)fluoranthene
Concen: 0.310 ng
RT: 23.253 min Scan# 2862
Delta R.T. 0.006 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:252 Resp: 20932

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	12.6	8.6	13.0



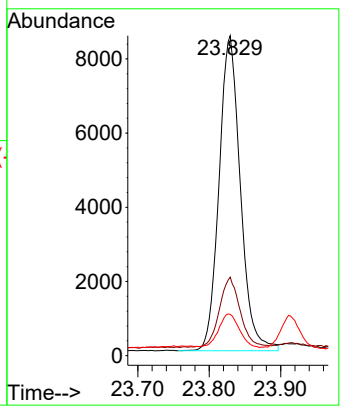


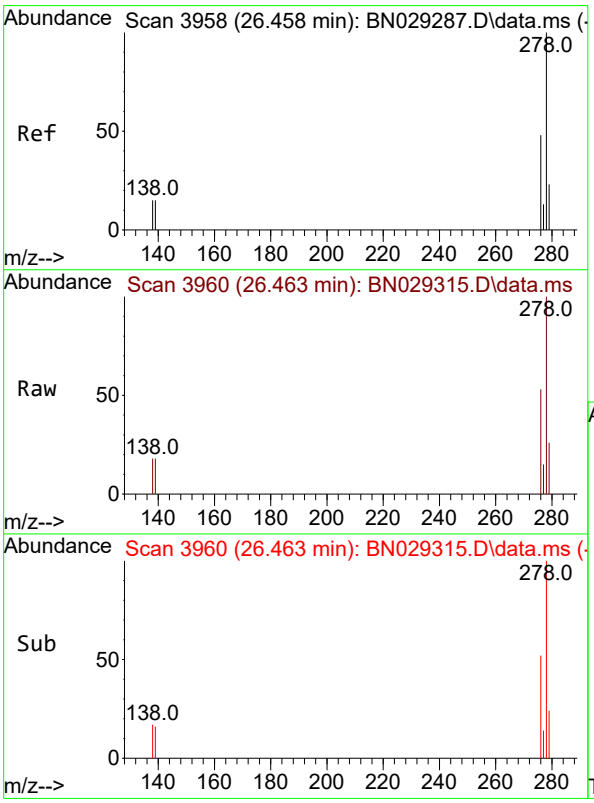
#39
Benzo(a)pyrene
Concen: 0.314 ng
RT: 23.829 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 17576

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.7	28.1
125	12.9	9.4	14.2

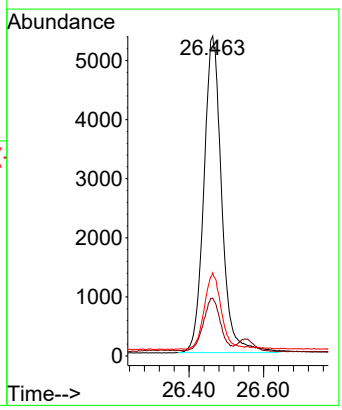


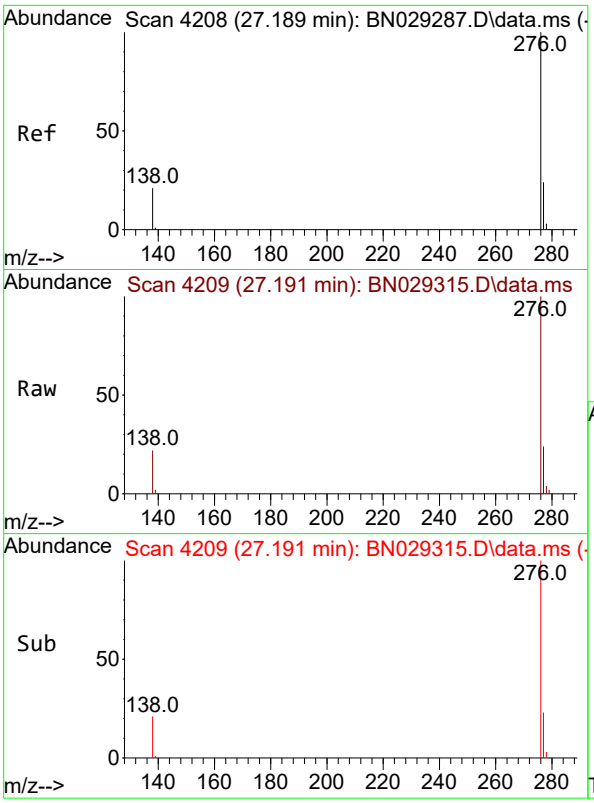


#40
Dibenzo(a,h)anthracene
Concen: 0.299 ng
RT: 26.463 min Scan# 3960
Delta R.T. 0.006 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Tgt Ion:278 Resp: 17778

Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.0	19.6
279	26.0	19.6	29.4





#41
Benzo(g,h,i)perylene
Concen: 0.295 ng
RT: 27.191 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN029315.D
Acq: 19 Jan 2024 21:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 18550

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	22.3	17.2	25.8