Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011824\
Data File : BN029289.D
Acq On : 18 Jan 2024 14:51
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jan 18 16:44:40 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 16:38:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	2239	0.400	ng		0.00
7) Naphthalene-d8	10.744	136	6344	0.400	ng	#	0.00
13) Acenaphthene-d10	14.575	164	3783	0.400	ng		0.00
19) Phenanthrene-d10	17.330	188	8944	0.400	ng		0.00
29) Chrysene-d12	21.528	240	9190	0.400	ng	#	0.00
35) Perylene-d12	23.935	264	8400	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.507	112	9137	1.647	ng		0.00
5) Phenol-d6	7.103	99	12094	1.642	ng		0.00
8) Nitrobenzene-d5	9.100	82	9655	1.641	ng		0.00
11) 2-Methylnaphthalene-d10	12.329	152	18658	1.724	ng		0.00
14) 2,4,6-Tribromophenol	16.064	330	1982	1.708	ng		0.00
15) 2-Fluorobiphenyl	13.207	172	29830	1.693	ng		0.00
27) Fluoranthene-d10	19.359	212	47910	1.766	ng		0.00
31) Terphenyl-d14	19.968	244	38719	1.680	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.406	88	4498	1.645	ng		99
3) n-Nitrosodimethylamine	3.738	42	4881	1.790	ng	#	97
6) bis(2-Chloroethyl)ether	7.378	93	11688	1.692	ng		100
9) Naphthalene	10.787	128	33729	1.708	ng		99
10) Hexachlorobutadiene	11.075	225	7404	1.729	ng	#	99
12) 2-Methylnaphthalene	12.405	142	22817	1.719	ng		100
16) Acenaphthylene	14.297	152	33637	1.748	ng		99
17) Acenaphthene	14.639	154	22514	1.725	ng		100
18) Fluorene	15.617	166	31282	1.750	ng		100
20) 4,6-Dinitro-2-methylph...	15.704	198	2336	1.558	ng	#	73
21) 4-Bromophenyl-phenylether	16.523	248	8410	1.769	ng		99
22) Hexachlorobenzene	16.622	284	13539	1.738	ng		99
23) Atrazine	16.796	200	7884	1.793	ng		99
24) Pentachlorophenol	16.970	266	4183	1.671	ng		96
25) Phenanthrene	17.367	178	50859	1.704	ng		100
26) Anthracene	17.454	178	45764	1.753	ng		100
28) Fluoranthene	19.392	202	65428	1.787	ng		100
30) Pyrene	19.754	202	65158	1.679	ng		100
32) Benzo(a)anthracene	21.510	228	61468	1.734	ng		99
33) Chrysene	21.564	228	64051	1.693	ng		99
34) Bis(2-ethylhexyl)phtha...	21.465	149	25078	1.568	ng		100
36) Indeno(1,2,3-cd)pyrene	26.429	276	67672	1.802	ng		100
37) Benzo(b)fluoranthene	23.201	252	63547	1.796	ng		99
38) Benzo(k)fluoranthene	23.251	252	62363	1.814	ng		98
39) Benzo(a)pyrene	23.827	252	50557	1.774	ng		97
40) Dibenzo(a,h)anthracene	26.464	278	55624	1.835	ng		99
41) Benzo(g,h,i)perylene	27.189	276	58193	1.818	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011824\
Data File : BN029289.D
Acq On : 18 Jan 2024 14:51
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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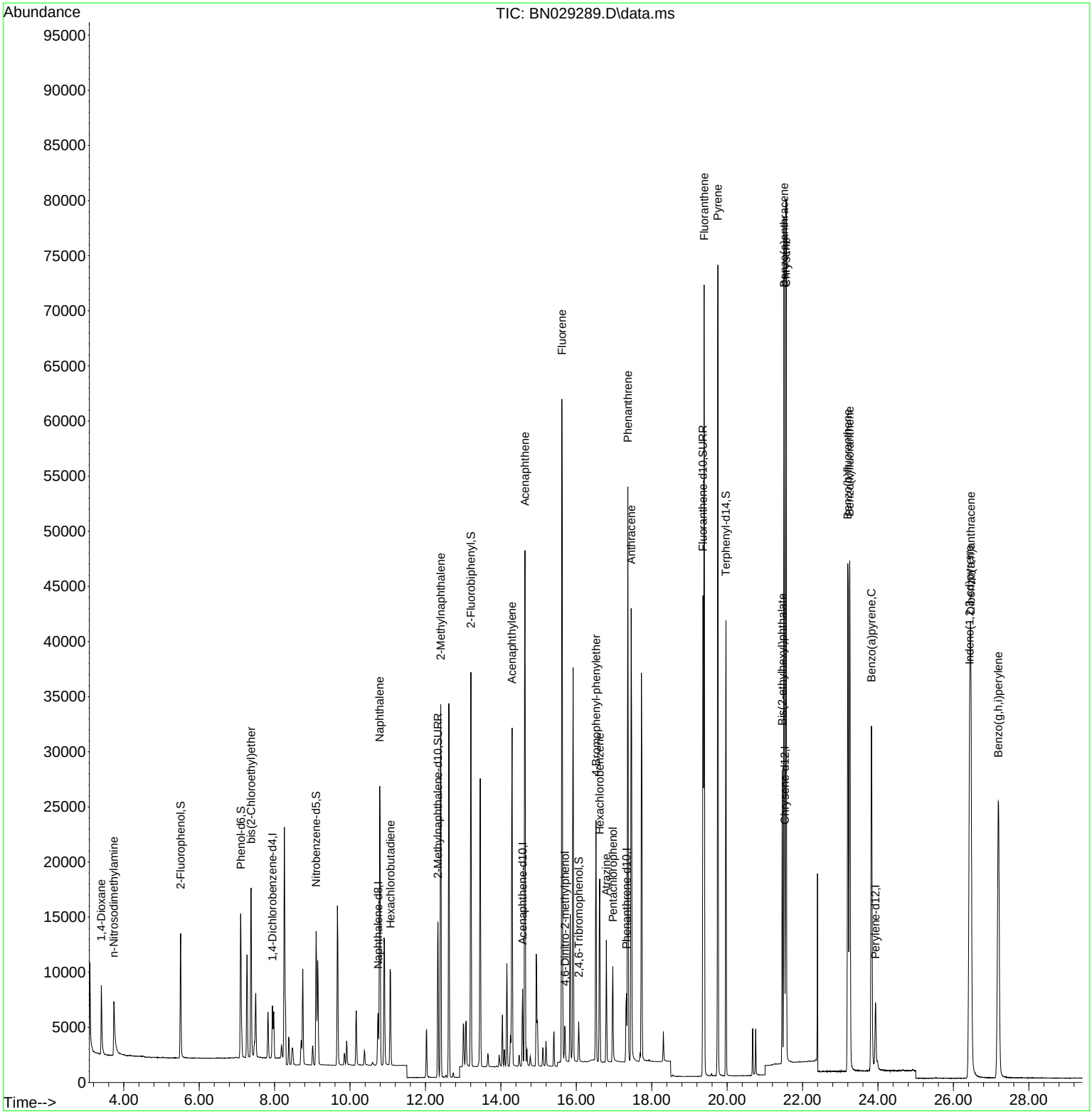
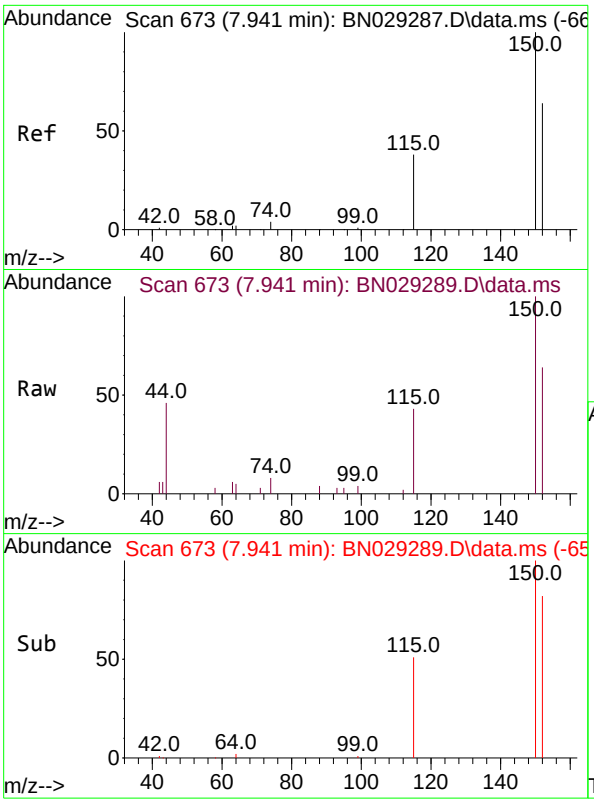
Quant Time: Jan 18 16:44:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:38:33 2024
Response via : Initial Calibration



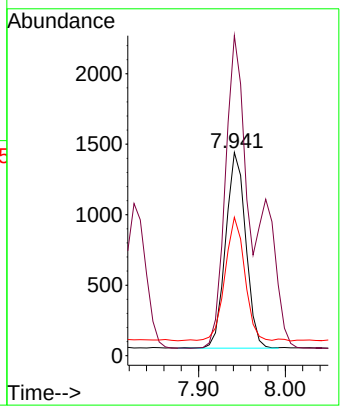


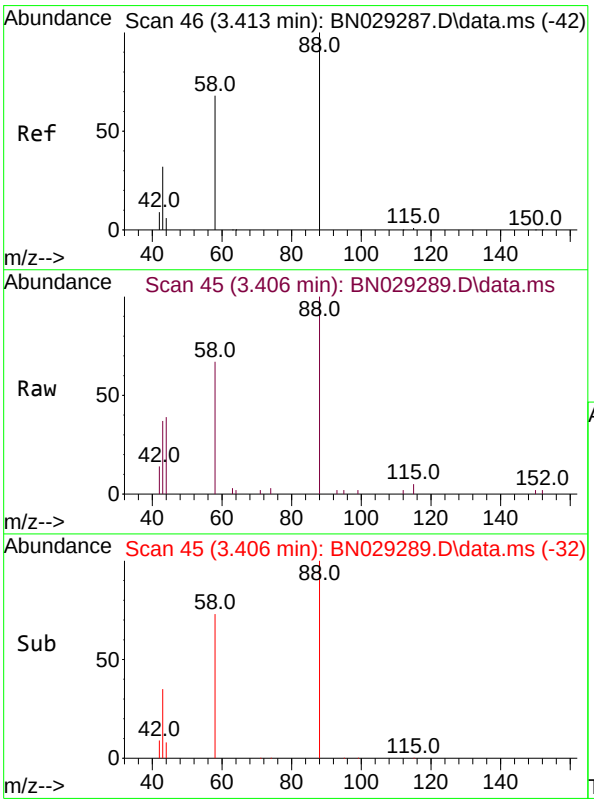
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.941 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 2239

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	68.1	50.6	76.0

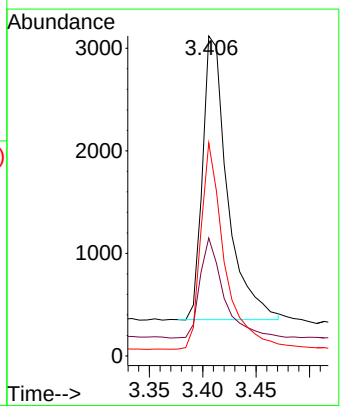


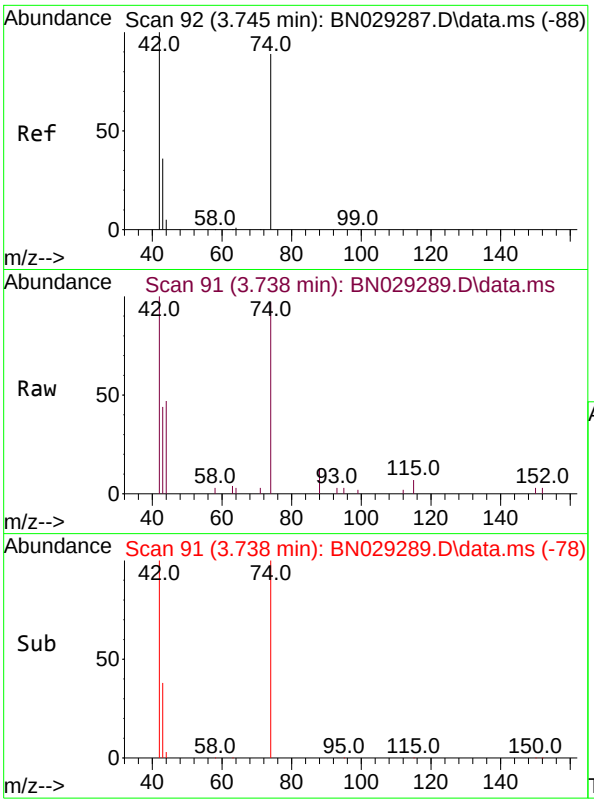


#2
1,4-Dioxane
Concen: 1.645 ng
RT: 3.406 min Scan# 45
Delta R.T. -0.007 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion: 88 Resp: 4498

Ion	Ratio	Lower	Upper
88	100		
43	33.9	26.2	39.2
58	69.5	55.3	82.9



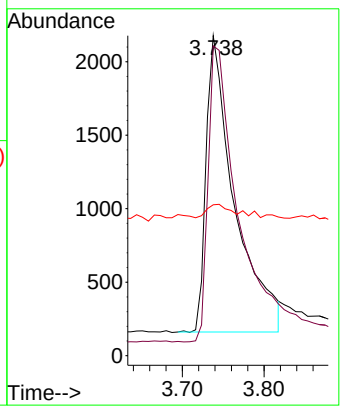


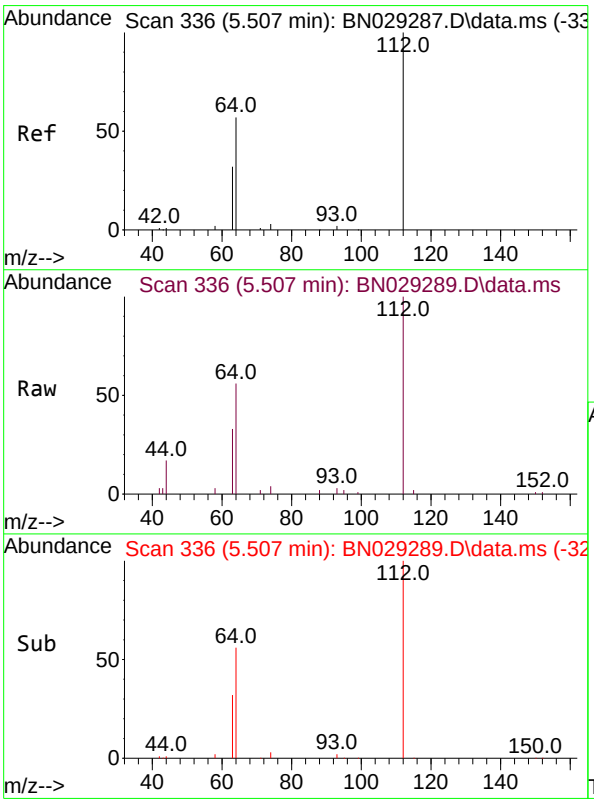
#3
n-Nitrosodimethylamine
Concen: 1.790 ng
RT: 3.738 min Scan# 91
Delta R.T. -0.007 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 4881

Ion	Ratio	Lower	Upper
42	100		
74	104.6	85.8	128.8
44	5.6	3.0	4.4#

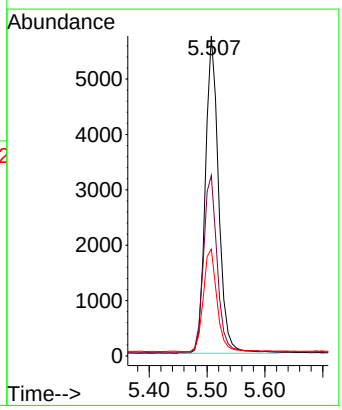


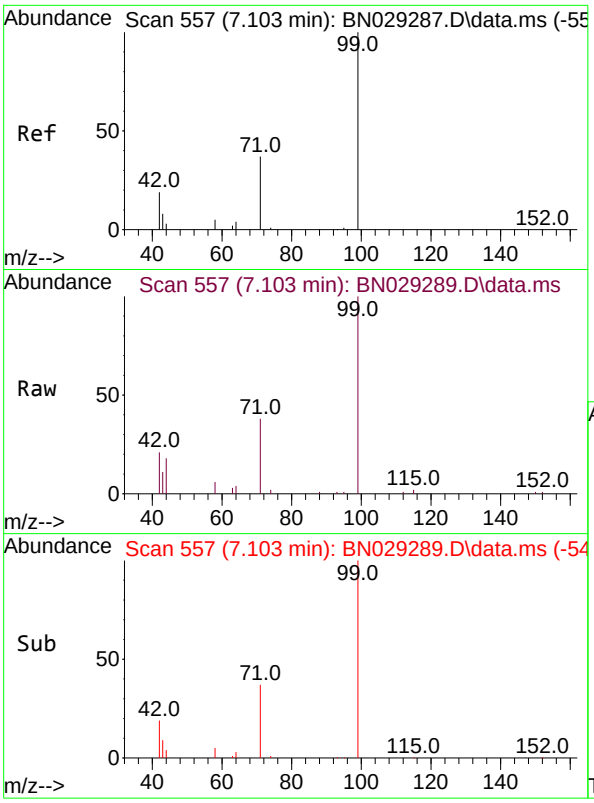


#4
2-Fluorophenol
Concen: 1.647 ng
RT: 5.507 min Scan# 336
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:112 Resp: 9137

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.8	68.8
63	33.5	26.6	40.0



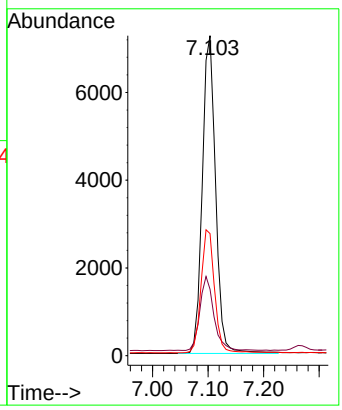


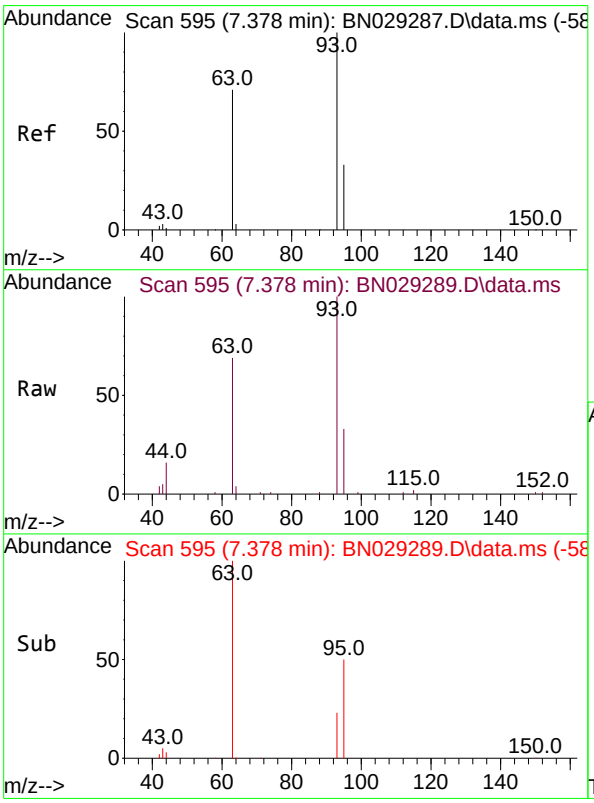
#5
Phenol-d6
Concen: 1.642 ng
RT: 7.103 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 12094

Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.1	28.7
71	39.4	31.2	46.8

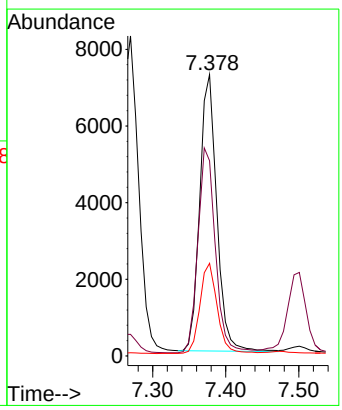


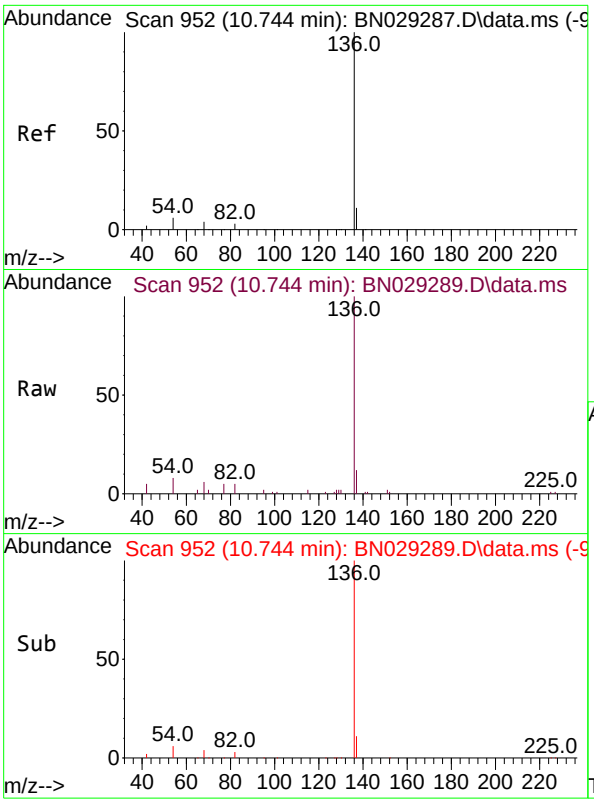


#6
bis(2-Chloroethyl)ether
Concen: 1.692 ng
RT: 7.378 min Scan# 595
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion: 93 Resp: 11688

Ion	Ratio	Lower	Upper
93	100		
63	76.2	61.3	91.9
95	33.0	26.3	39.5



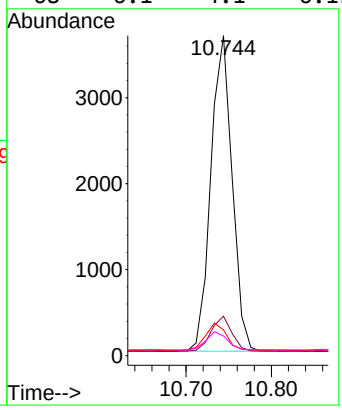


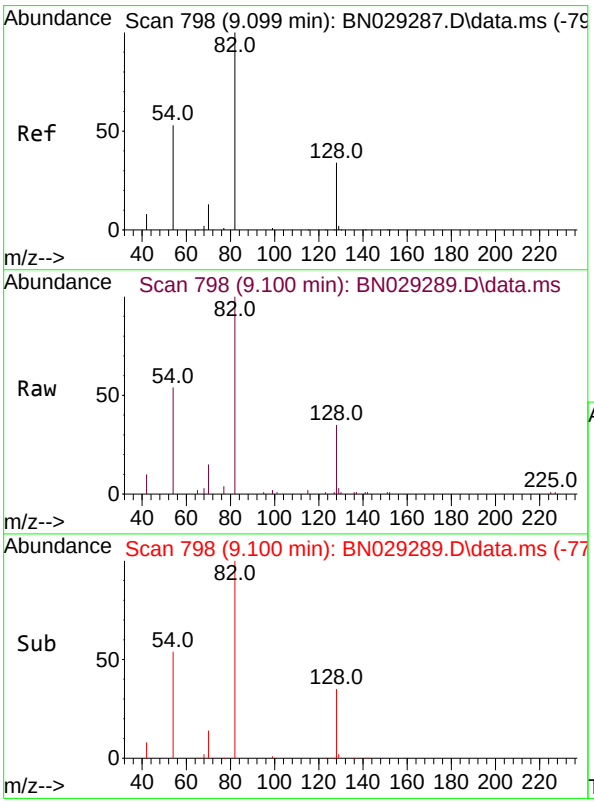
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.744 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 6344

Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.9	13.3
54	8.1	5.2	7.8#
68	6.1	4.1	6.1#

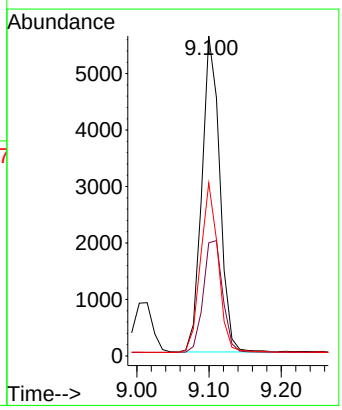


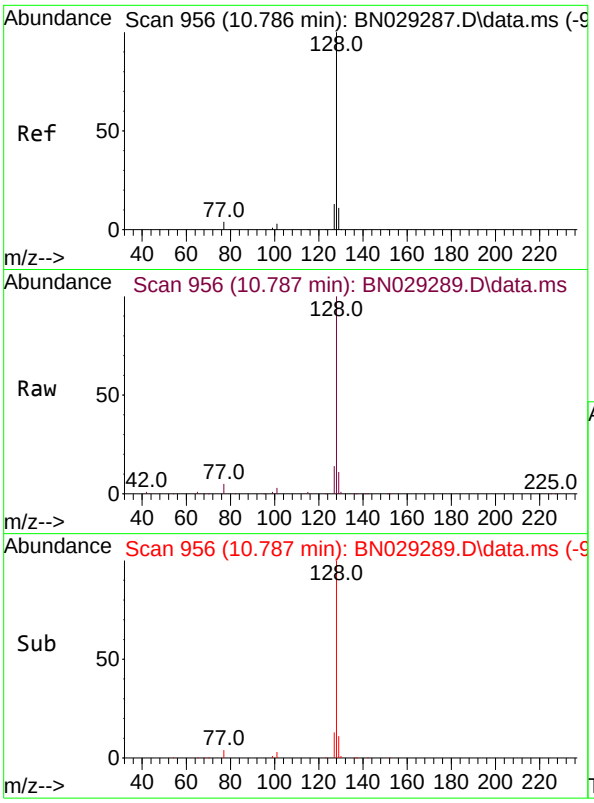


#8
Nitrobenzene-d5
Concen: 1.641 ng
RT: 9.100 min Scan# 798
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion: 82 Resp: 9655

Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.6	43.0
54	54.1	42.9	64.3



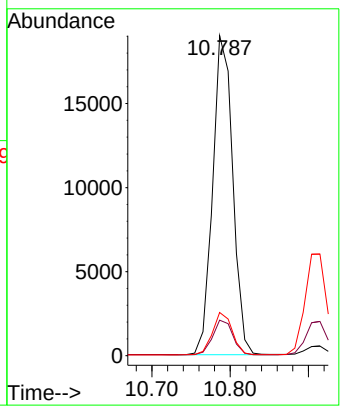


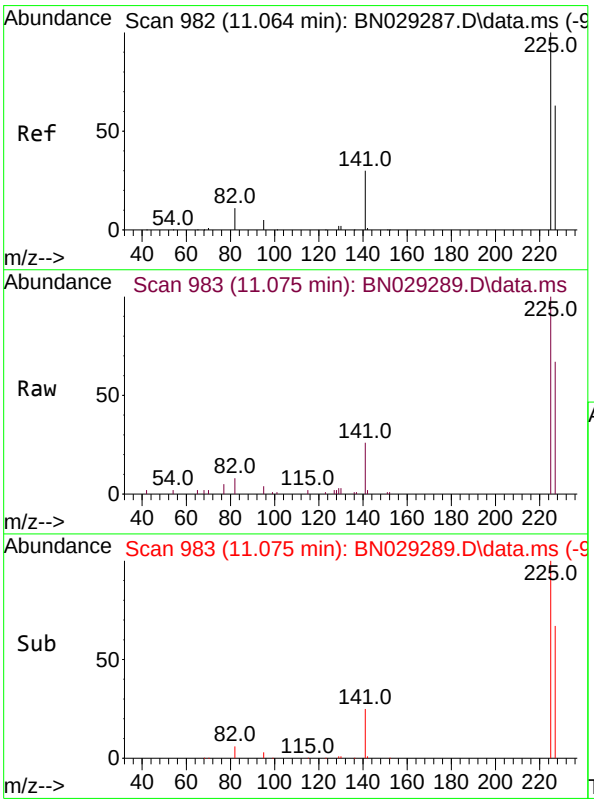
#9
Naphthalene
Concen: 1.708 ng
RT: 10.787 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 33729

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.5	11.2	16.8

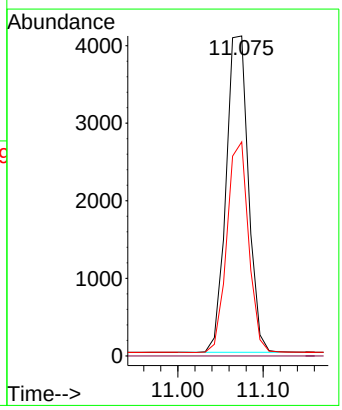


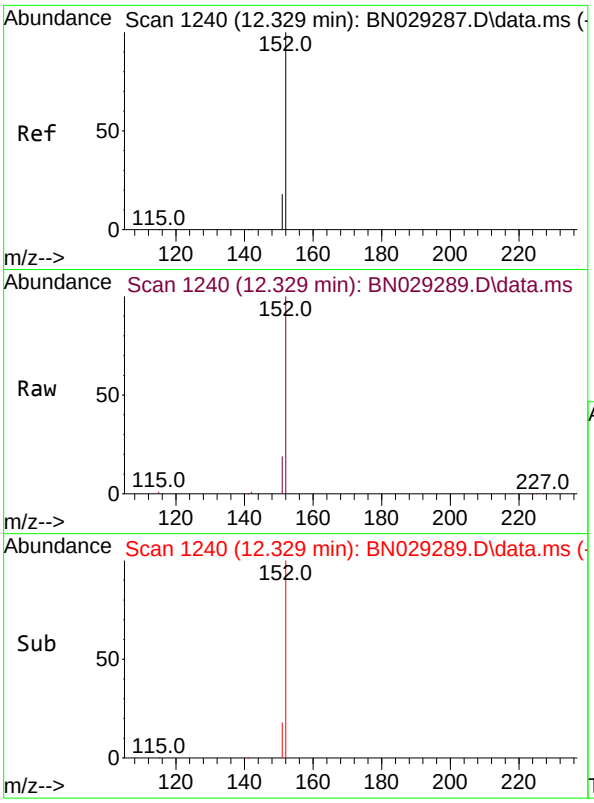


#10
Hexachlorobutadiene
Concen: 1.729 ng
RT: 11.075 min Scan# 983
Delta R.T. 0.011 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:225 Resp: 7404

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	51.3	76.9



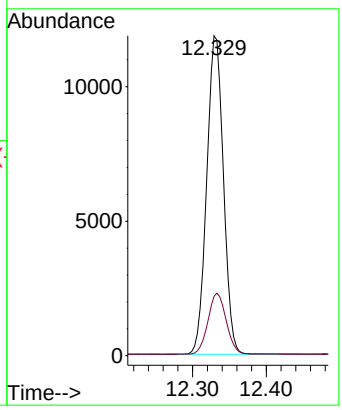


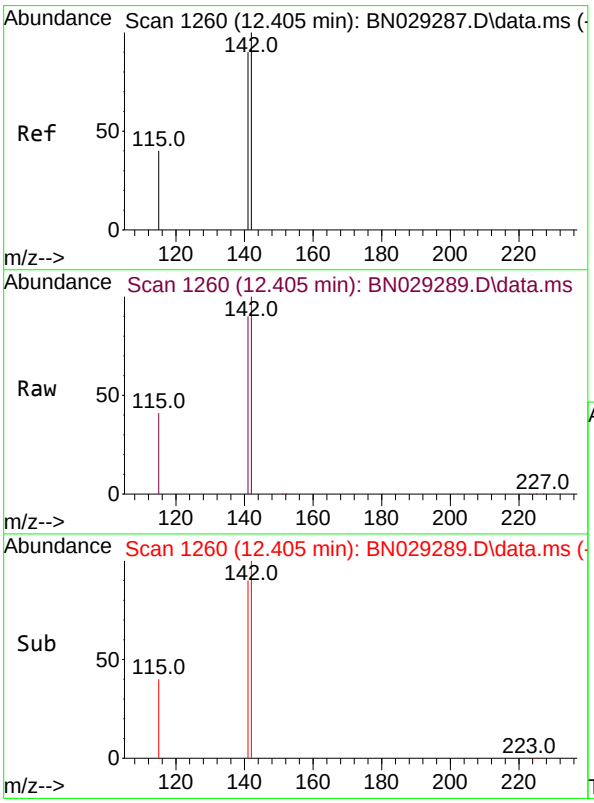
#11
2-Methylnaphthalene-d10
Concen: 1.724 ng
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 18658

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	24.8

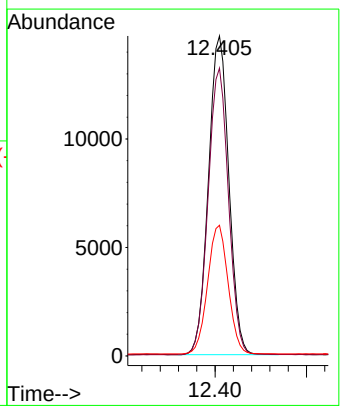


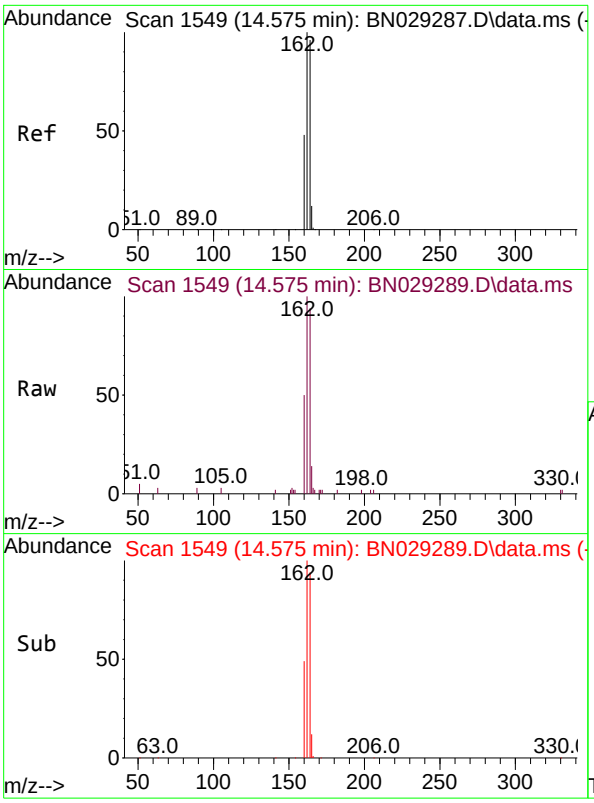


#12
2-Methylnaphthalene
Concen: 1.719 ng
RT: 12.405 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:142 Resp: 22817

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.2	108.2
115	40.8	32.9	49.3



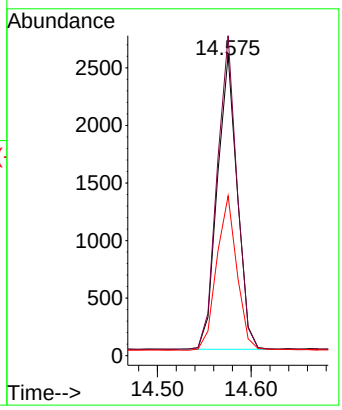


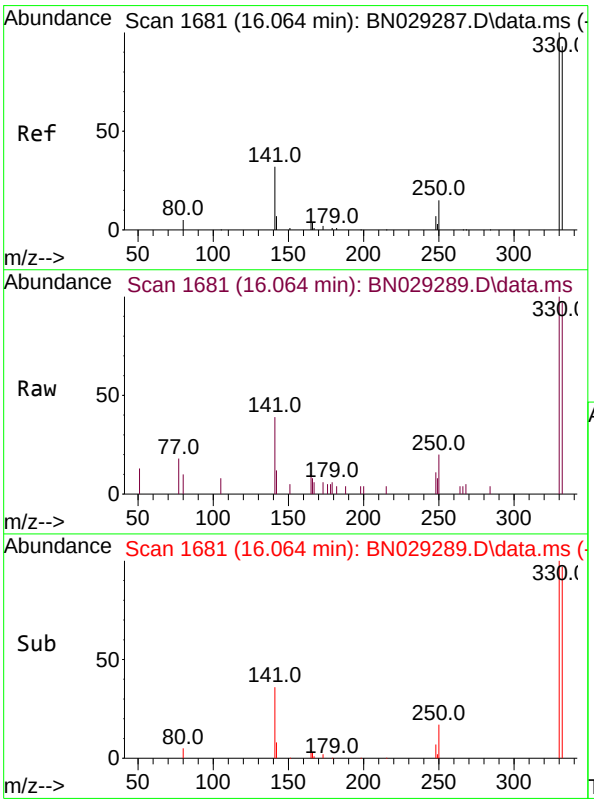
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.575 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 3783

Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.4	125.2
160	53.1	40.6	61.0

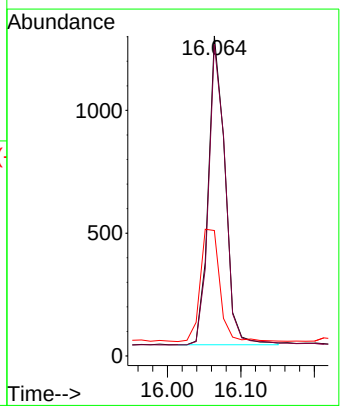


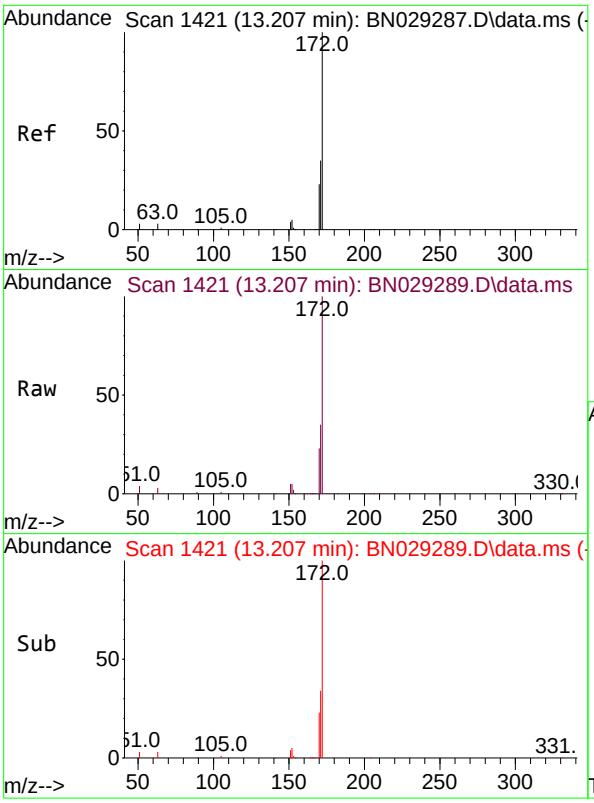


#14
2,4,6-Tribromophenol
Concen: 1.708 ng
RT: 16.064 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:330 Resp: 1982

Ion	Ratio	Lower	Upper
330	100		
332	98.4	75.9	113.9
141	42.5	32.2	48.4



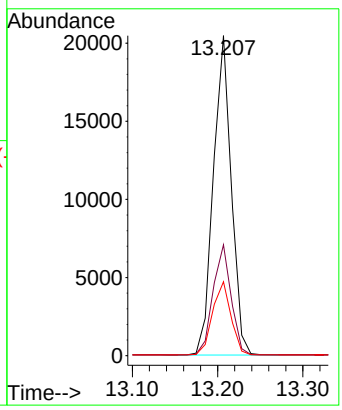


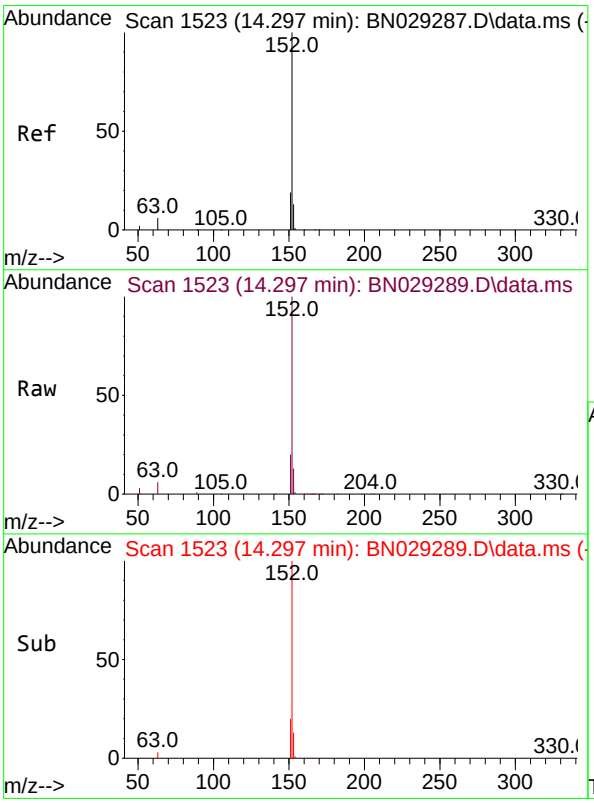
#15
2-Fluorobiphenyl
Concen: 1.693 ng
RT: 13.207 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 29830

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.0	42.0
170	23.1	18.7	28.1

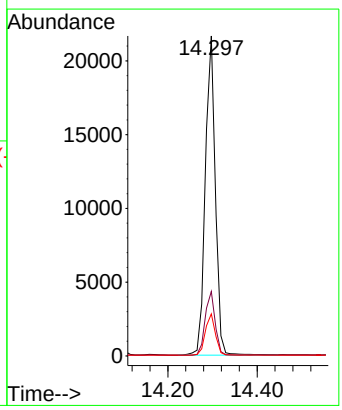


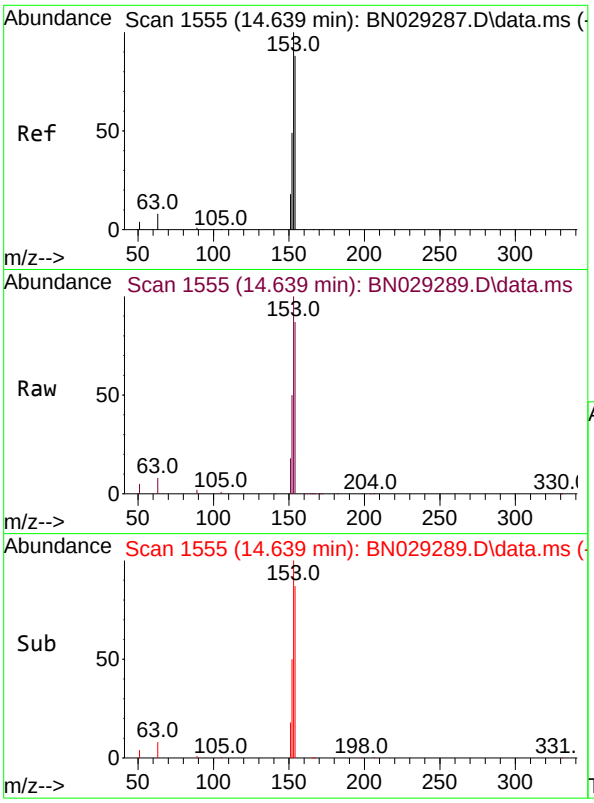


#16
Acenaphthylene
Concen: 1.748 ng
RT: 14.297 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:152 Resp: 33637

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.0	10.6	16.0





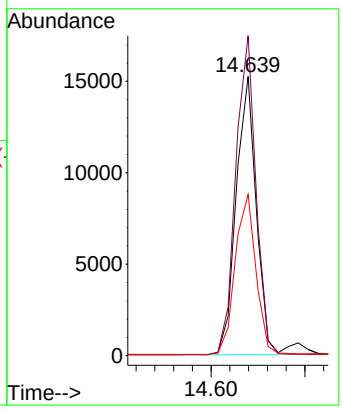
#17
Acenaphthene
Concen: 1.725 ng
RT: 14.639 min Scan# 1

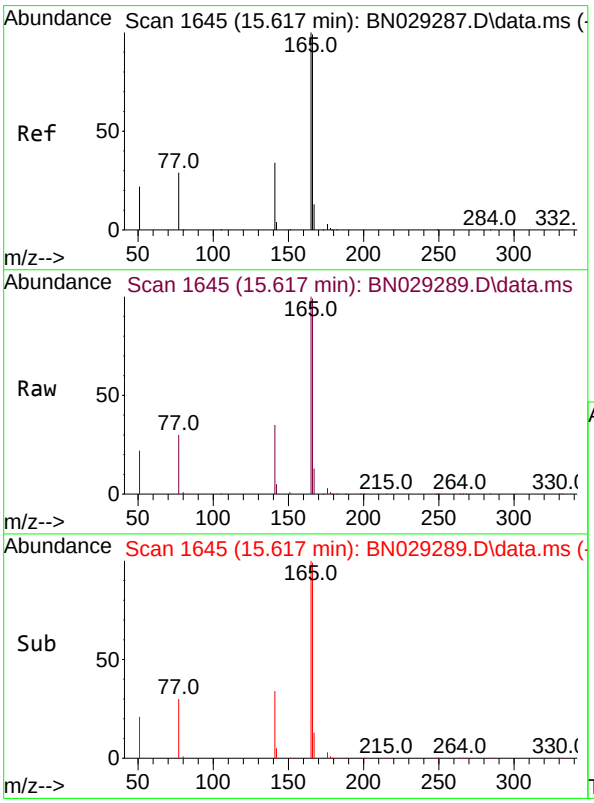
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:154 Resp: 22514

Ion	Ratio	Lower	Upper
154	100		
153	115.4	92.2	138.2
152	60.1	47.4	71.2

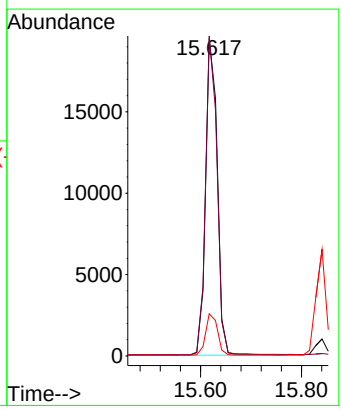


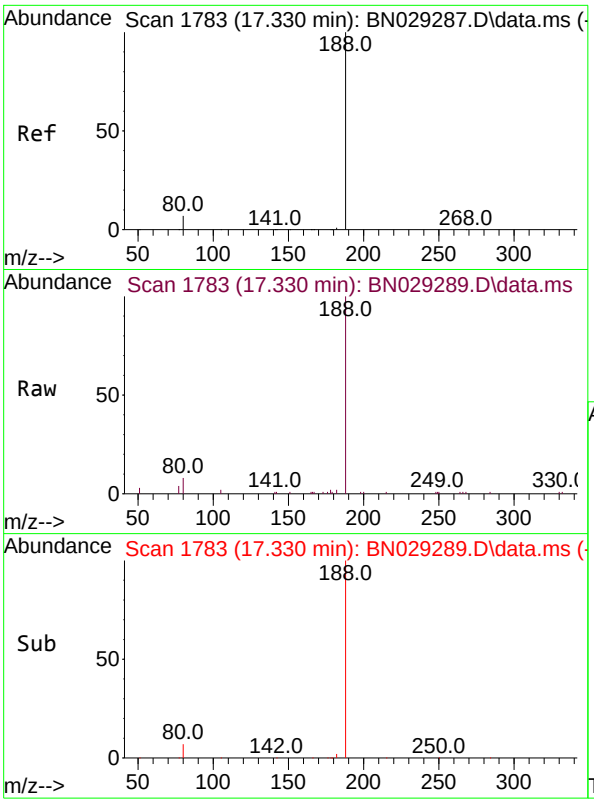


#18
Fluorene
Concen: 1.750 ng
RT: 15.617 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:166 Resp: 31282

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.3	118.9
167	13.3	10.8	16.2



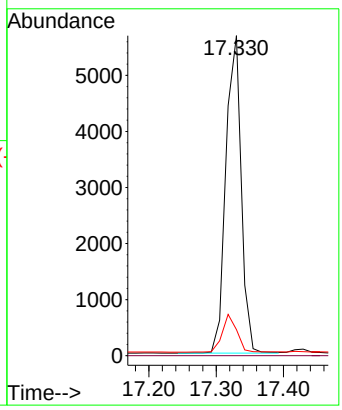


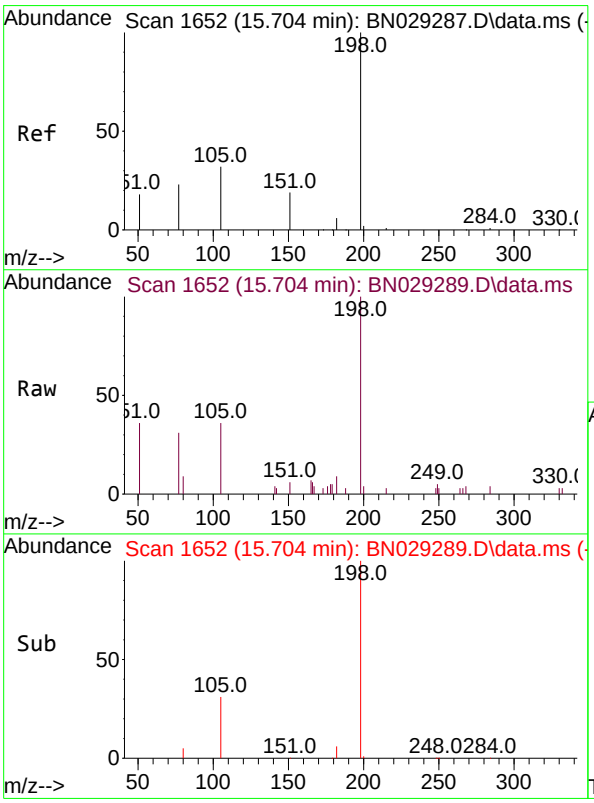
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.330 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 8944

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	5.7	8.5

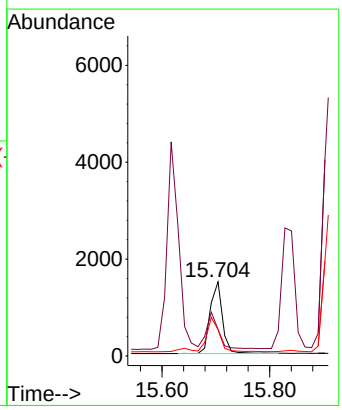


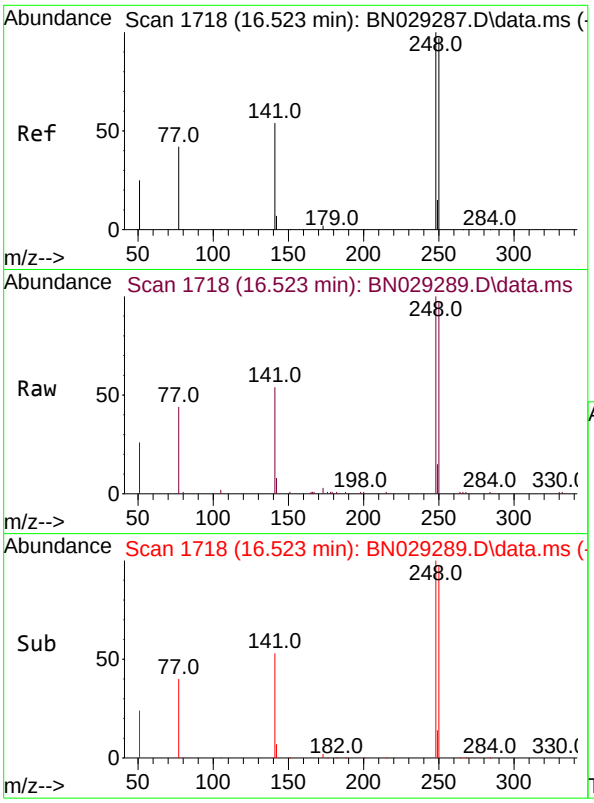


#20
4,6-Dinitro-2-methylphenol
Concen: 1.558 ng
RT: 15.704 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:198 Resp: 2336

Ion	Ratio	Lower	Upper
198	100		
51	36.0	48.8	73.2#
105	35.5	39.0	58.6#



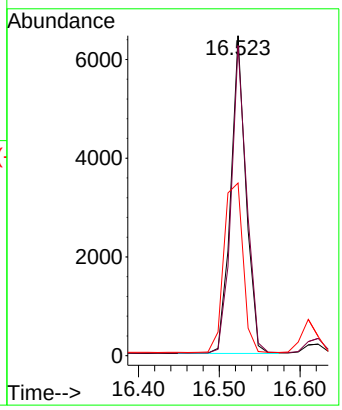


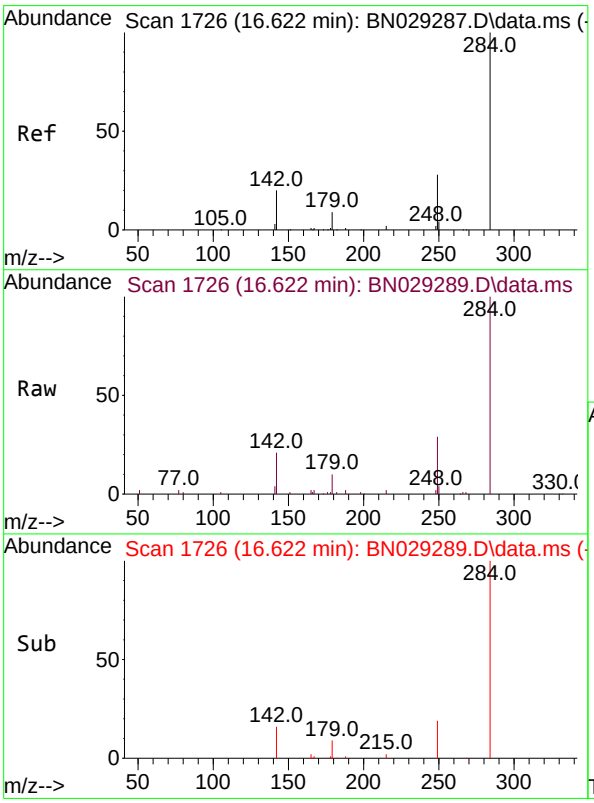
#21
4-Bromophenyl-phenylether
Concen: 1.769 ng
RT: 16.523 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 8410

Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.1	117.1
141	53.9	44.2	66.4

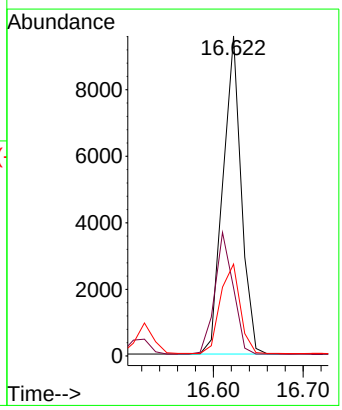


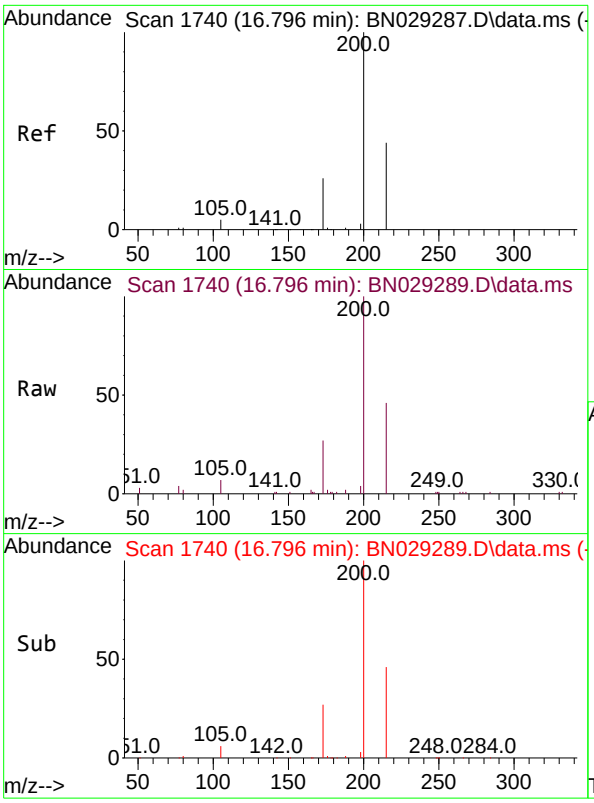


#22
Hexachlorobenzene
Concen: 1.738 ng
RT: 16.622 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:284 Resp: 13539

Ion	Ratio	Lower	Upper
284	100		
142	38.5	30.6	45.8
249	30.4	25.0	37.4



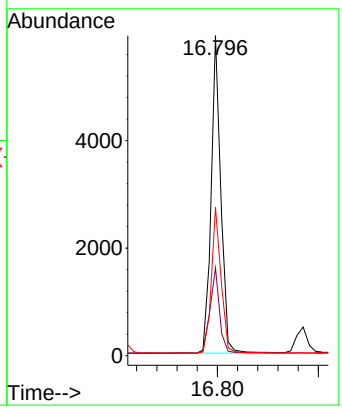


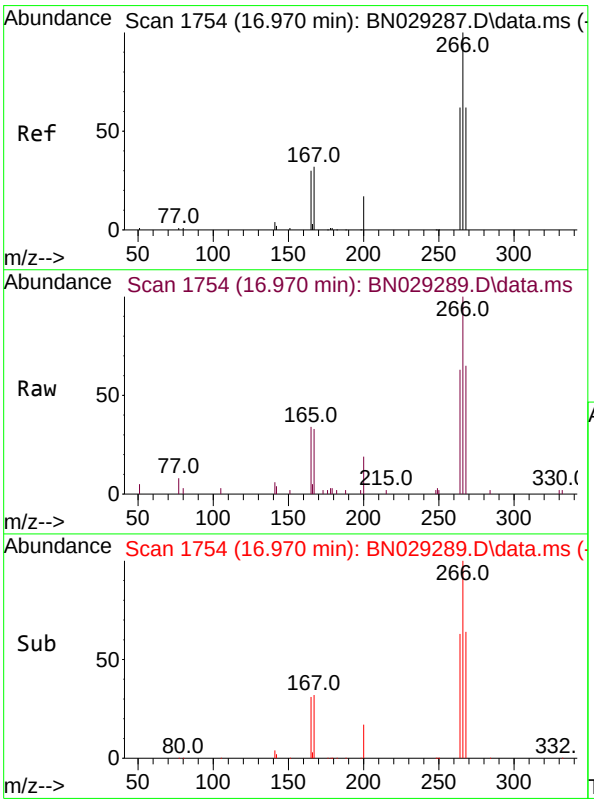
#23
Atrazine
Concen: 1.793 ng
RT: 16.796 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 7884

Ion	Ratio	Lower	Upper
200	100		
173	27.4	22.2	33.4
215	46.4	36.6	54.8

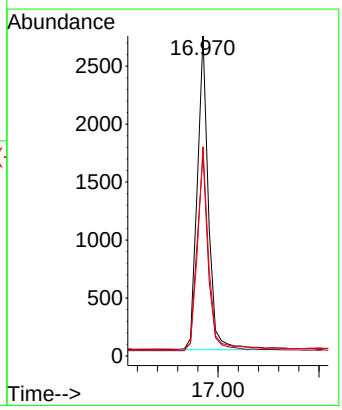


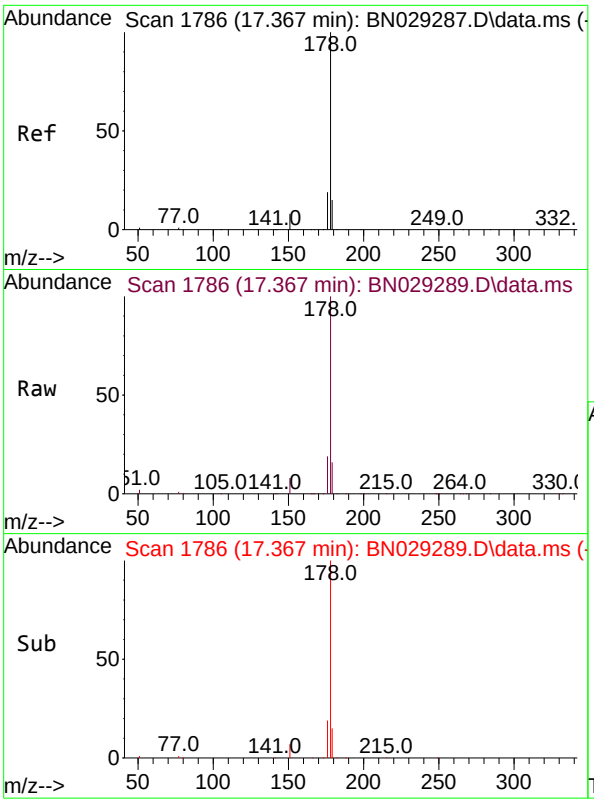


#24
Pentachlorophenol
Concen: 1.671 ng
RT: 16.970 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:266 Resp: 4183

Ion	Ratio	Lower	Upper
266	100		
264	63.4	48.4	72.6
268	63.4	47.7	71.5



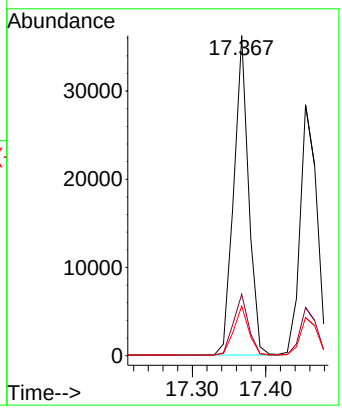


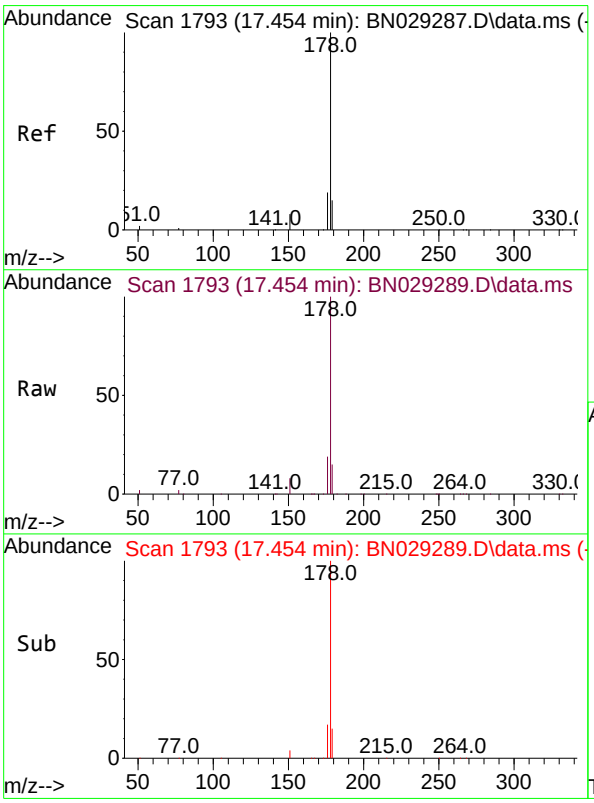
#25
Phenanthrene
Concen: 1.704 ng
RT: 17.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 50859

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.4	12.3	18.5

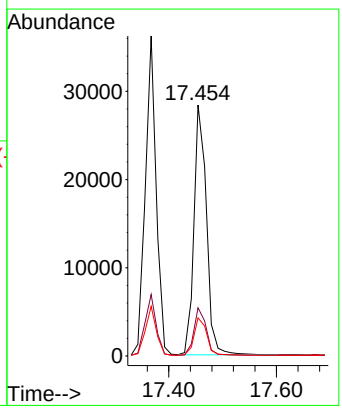


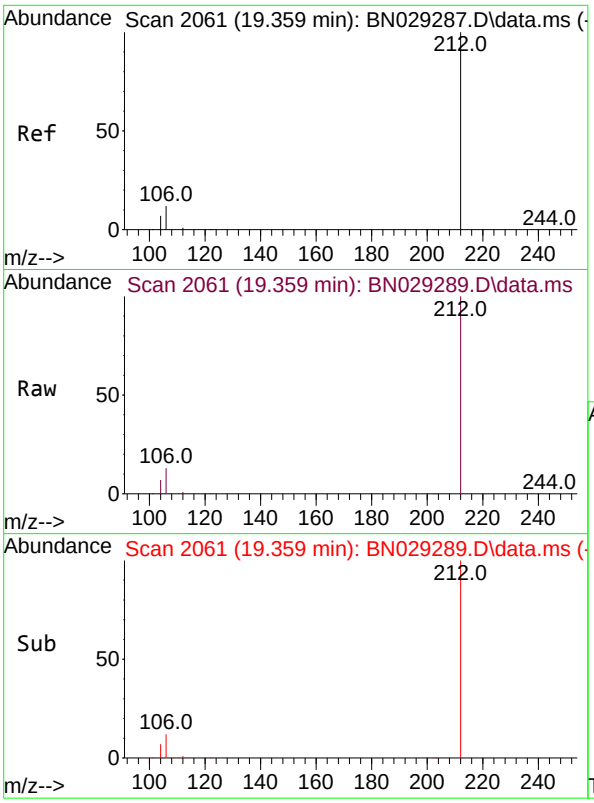


#26
Anthracene
Concen: 1.753 ng
RT: 17.454 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:178 Resp: 45764

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.3	12.2	18.2



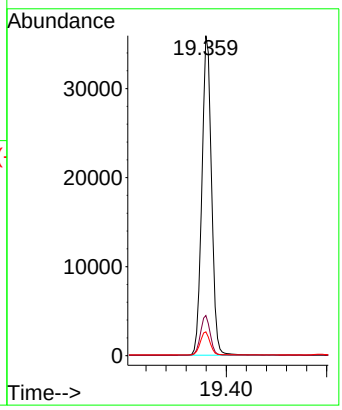


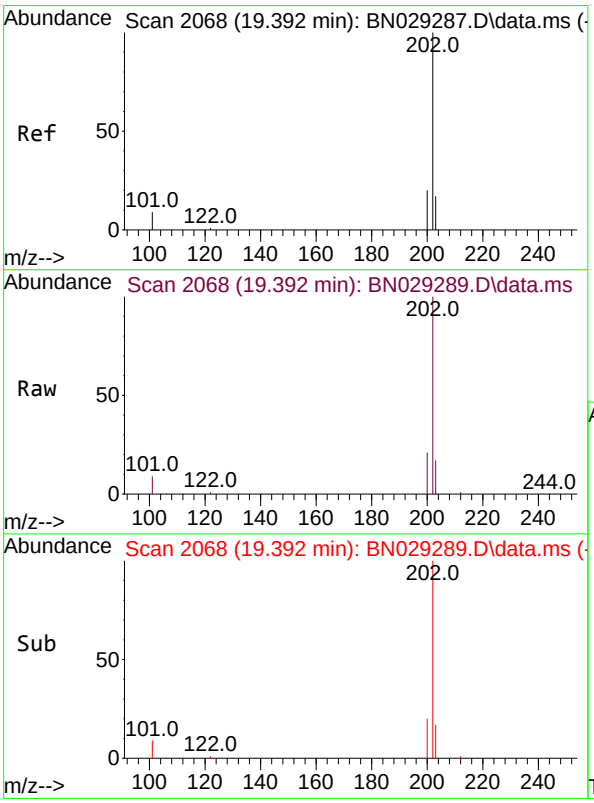
#27
Fluoranthene-d10
Concen: 1.766 ng
RT: 19.359 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 47910

Ion	Ratio	Lower	Upper
212	100		
106	12.5	9.9	14.9
104	7.4	5.8	8.8

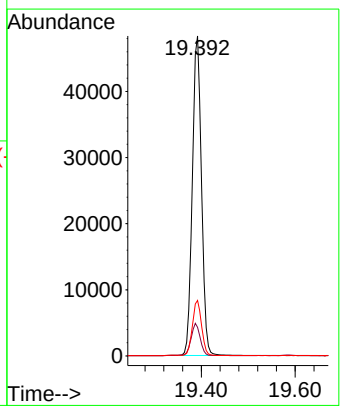


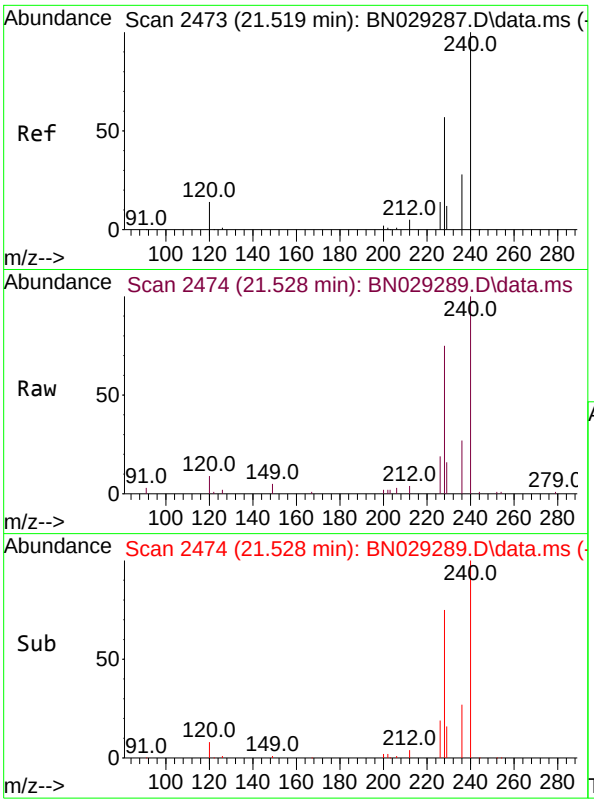


#28
Fluoranthene
Concen: 1.787 ng
RT: 19.392 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:202 Resp: 65428

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.1	12.1
203	17.2	13.8	20.6



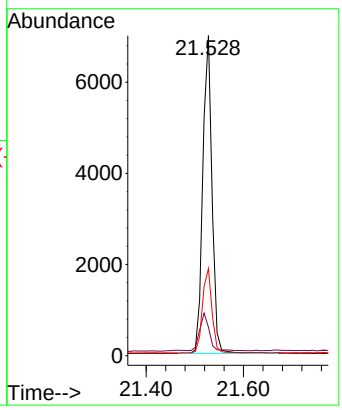


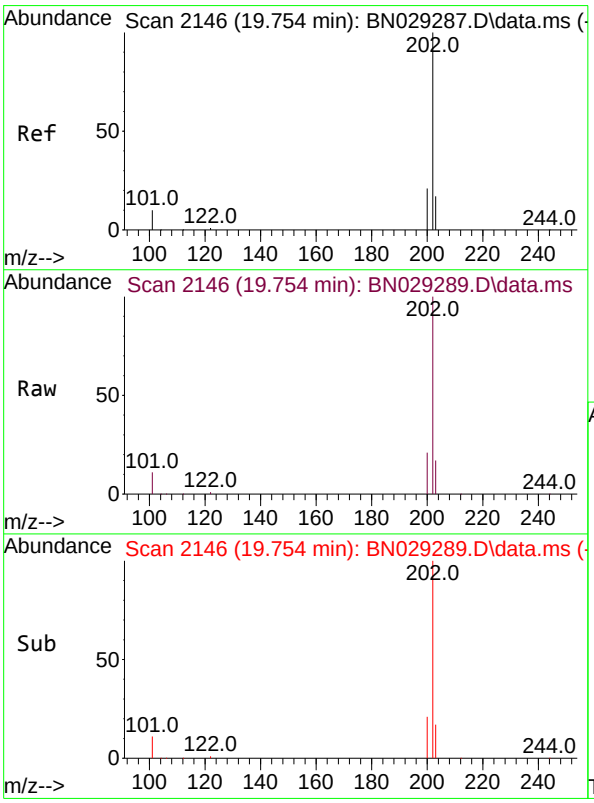
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.528 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 9190

Ion	Ratio	Lower	Upper
240	100		
120	8.9	11.8	17.8#
236	27.2	22.7	34.1

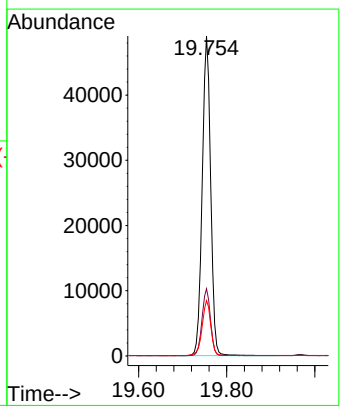


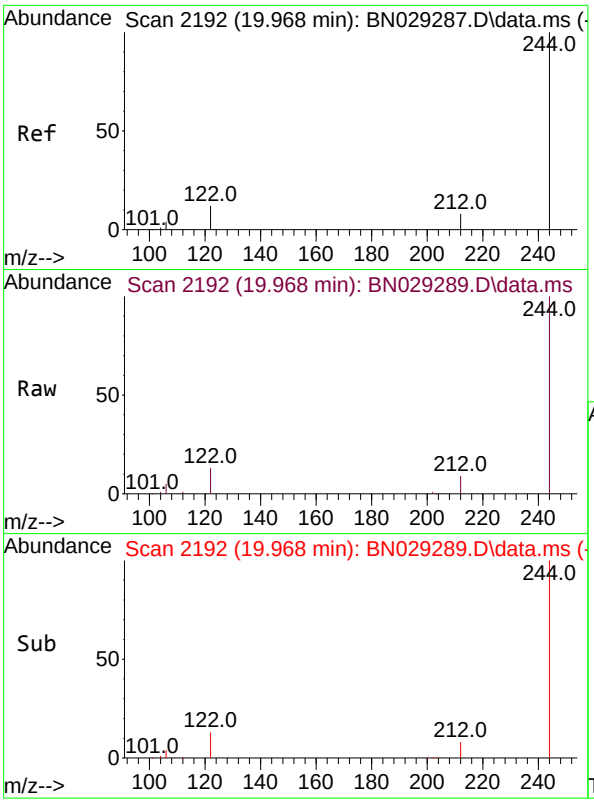


#30
Pyrene
Concen: 1.679 ng
RT: 19.754 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:202 Resp: 65158

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.7	14.2	21.2



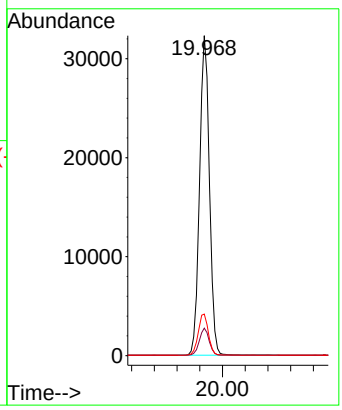


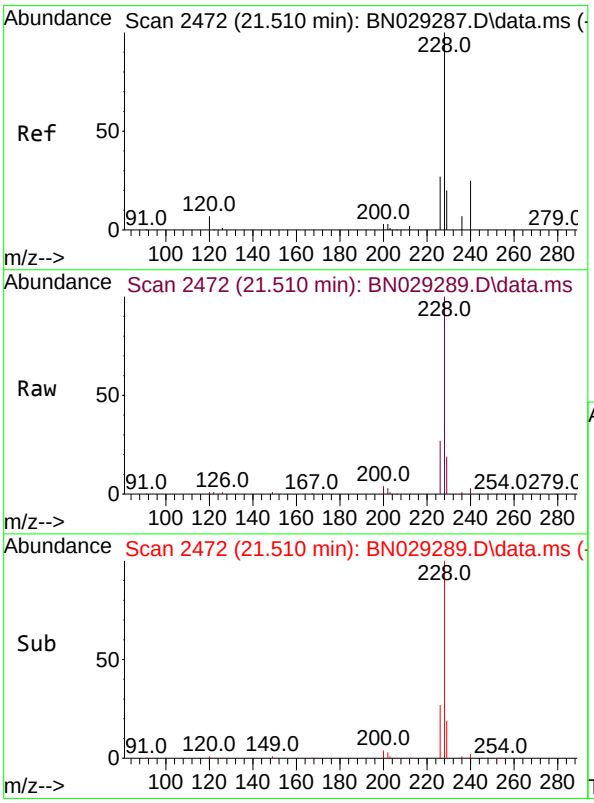
#31
Terphenyl-d14
Concen: 1.680 ng
RT: 19.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 38719

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	13.0	10.2	15.4

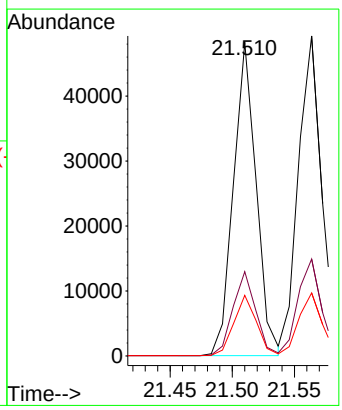


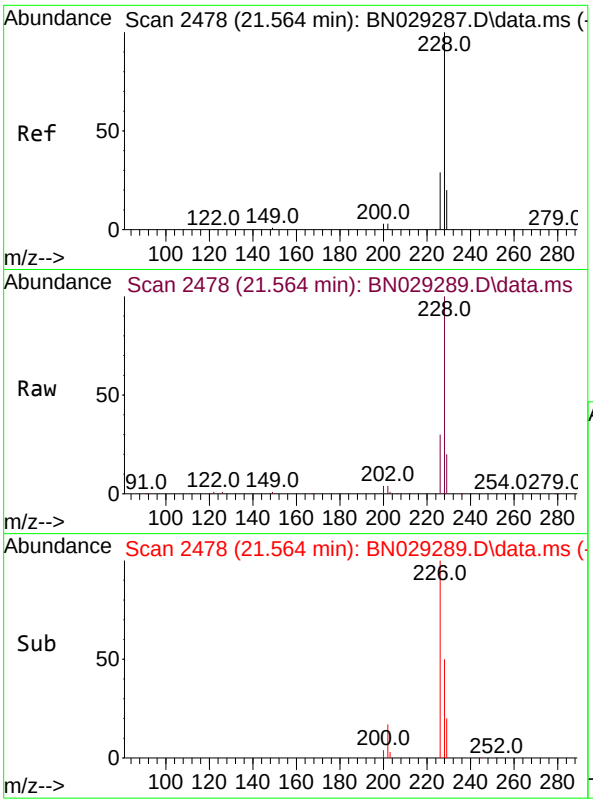


#32
Benzo(a)anthracene
Concen: 1.734 ng
RT: 21.510 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:228 Resp: 61468

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.3	16.1	24.1



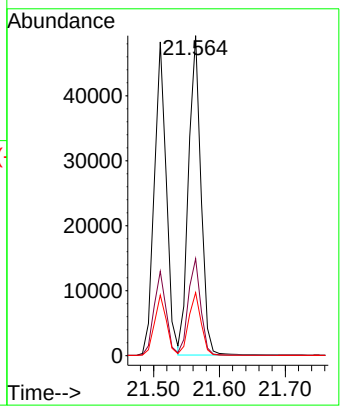


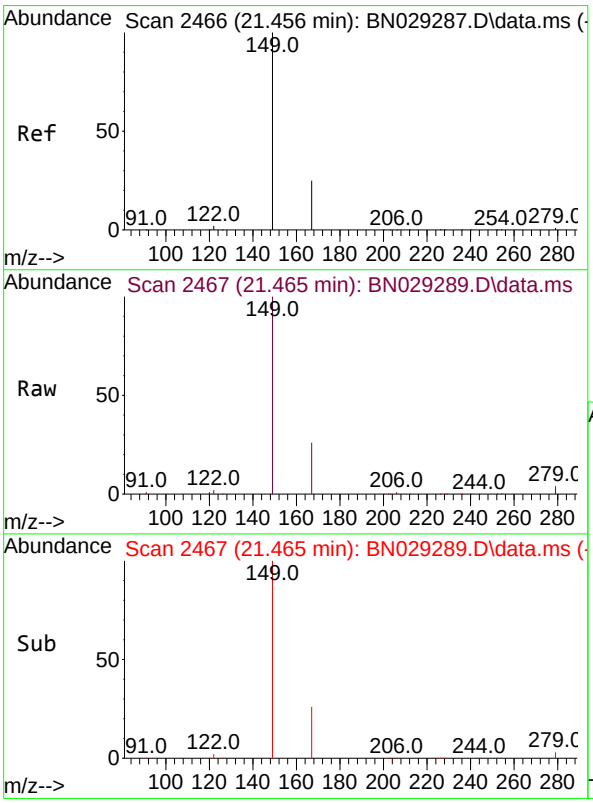
#33
Chrysene
Concen: 1.693 ng
RT: 21.564 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 64051

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.5	35.3
229	19.7	15.8	23.8

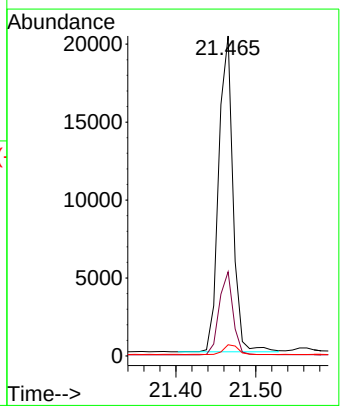


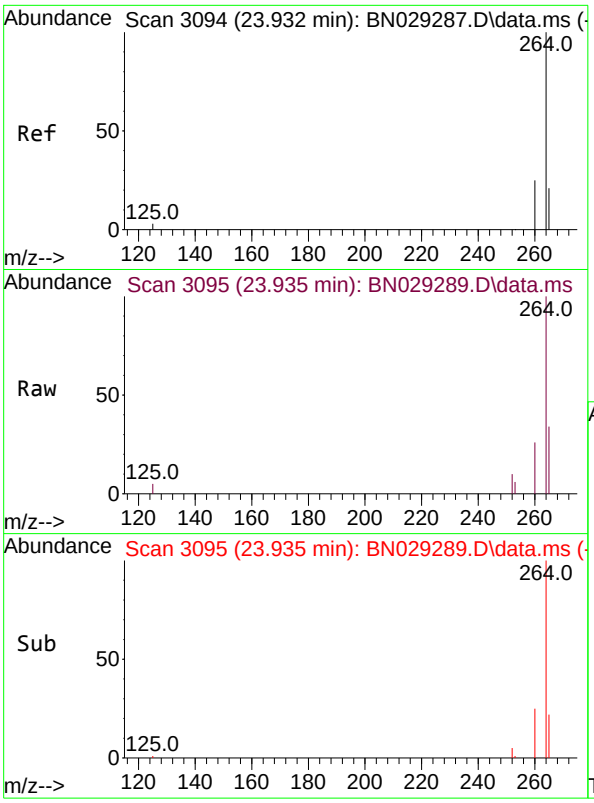


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.568 ng
RT: 21.465 min Scan# 2467
Delta R.T. 0.009 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:149 Resp: 25078

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.3	30.5
279	3.2	2.6	4.0



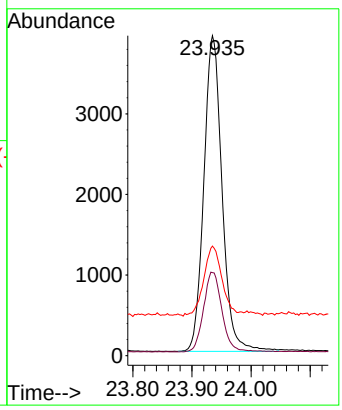


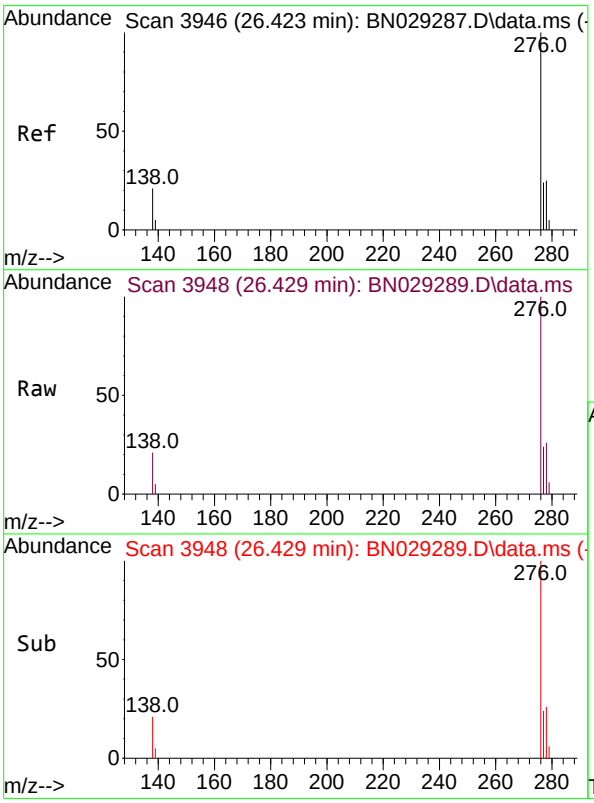
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.935 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 8400

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.7	31.1
265	34.2	21.4	32.0#

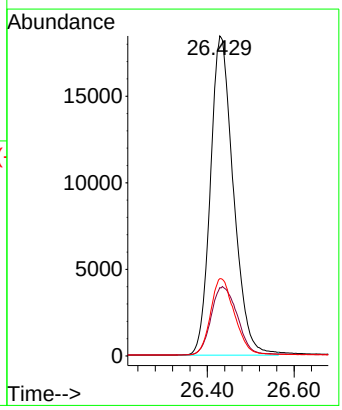


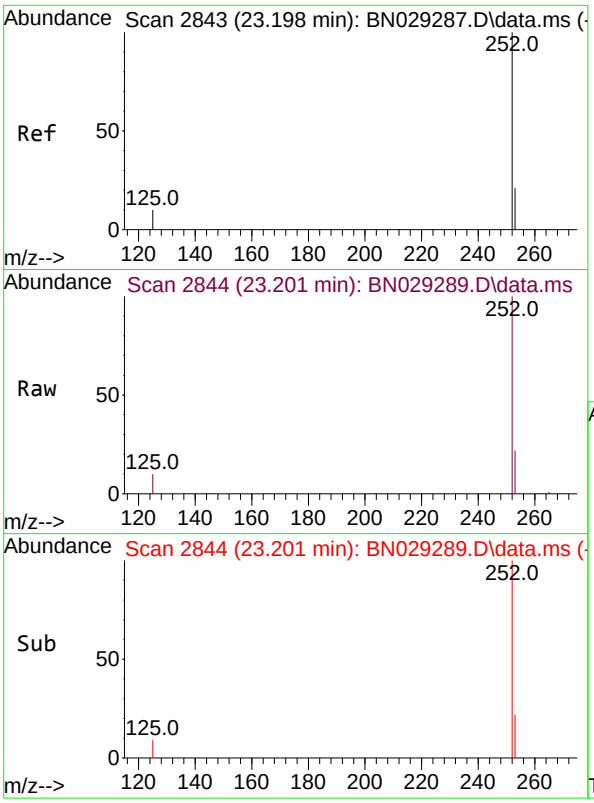


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.802 ng
RT: 26.429 min Scan# 3948
Delta R.T. 0.006 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:276 Resp: 67672

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.4	29.0
277	25.0	20.1	30.1



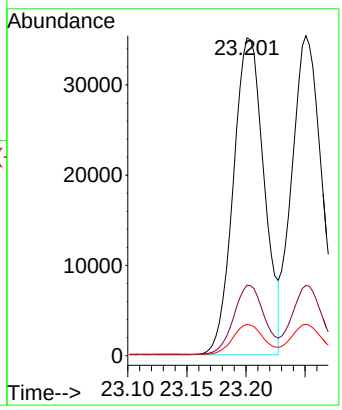


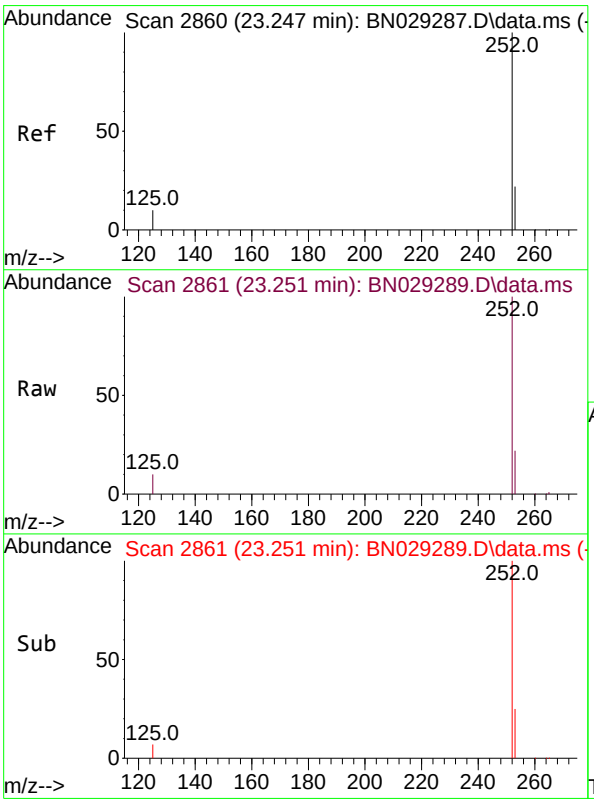
#37
Benzo(b)fluoranthene
Concen: 1.796 ng
RT: 23.201 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 63547

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.8	8.3	12.5

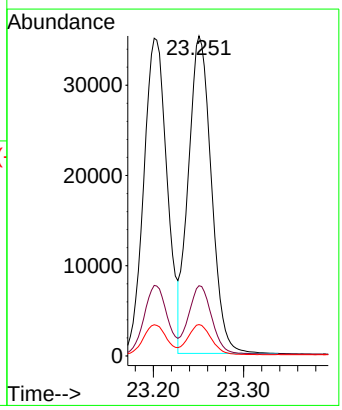


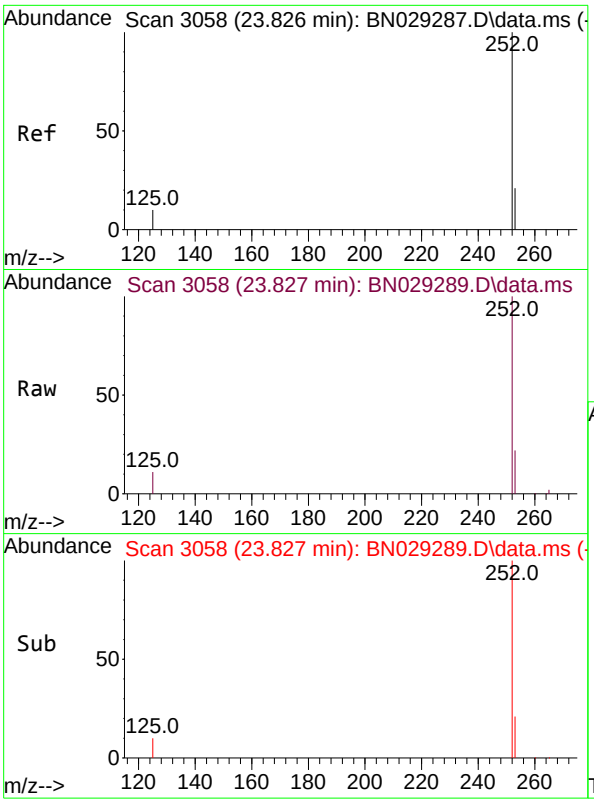


#38
Benzo(k)fluoranthene
Concen: 1.814 ng
RT: 23.251 min Scan# 2861
Delta R.T. 0.003 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:252 Resp: 62363

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	9.8	8.6	13.0



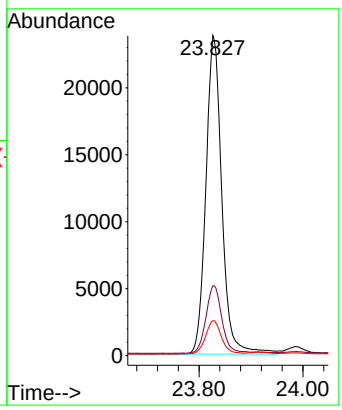


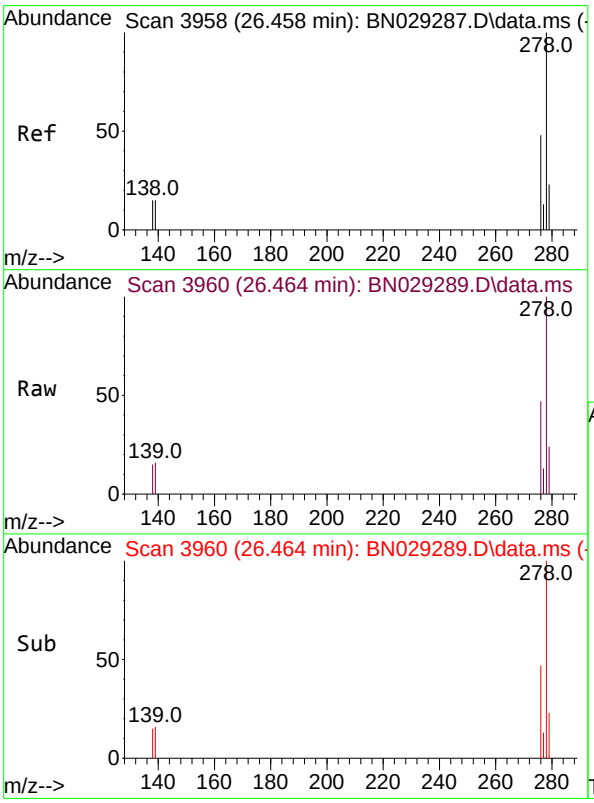
#39
Benzo(a)pyrene
Concen: 1.774 ng
RT: 23.827 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 50557

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.7	28.1
125	10.9	9.4	14.2

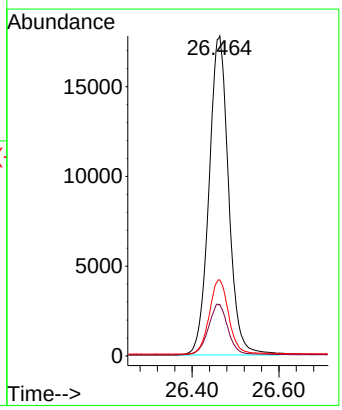


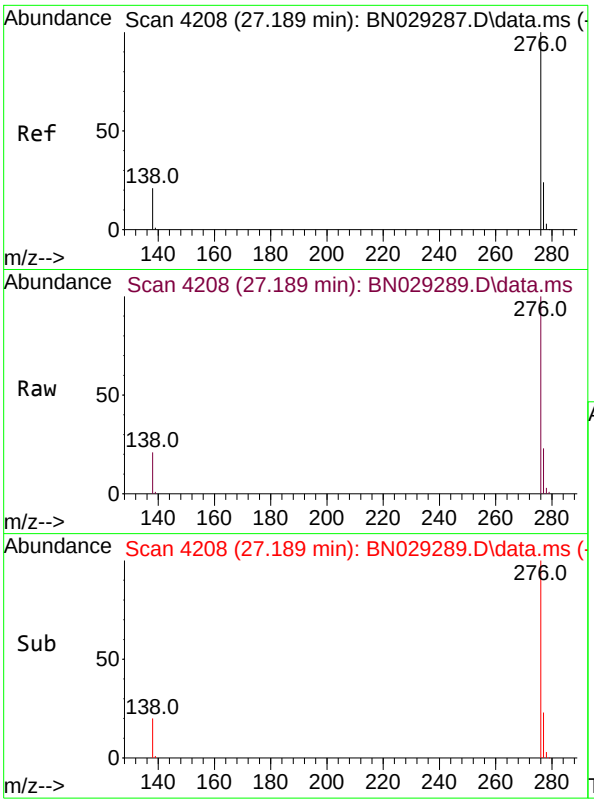


#40
Dibenzo(a,h)anthracene
Concen: 1.835 ng
RT: 26.464 min Scan# 3960
Delta R.T. 0.006 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Tgt Ion:278 Resp: 55624

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.0	19.6
279	23.8	19.6	29.4





#41
Benzo(g,h,i)perylene
Concen: 1.818 ng
RT: 27.189 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN029289.D
Acq: 18 Jan 2024 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 58193

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.2
138	20.7	17.2	25.8