Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
Data File : BN017649.D
Acq On : 01 Dec 2021 13:58
Operator : CG/JU
Sample : M4862-16DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Quant Time: Dec 01 14:28:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 30 18:26:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.773	152	21366	0.400	ng		0.00
7) Naphthalene-d8	10.547	136	88685	0.400	ng		# 0.00
13) Acenaphthene-d10	14.384	164	56957	0.400	ng		0.00
19) Phenanthrene-d10	17.116	188	129650	0.400	ng		#-0.01
29) Chrysene-d12	21.303	240	131341	0.400	ng		#-0.01
35) Perylene-d12	23.609	264	82563	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.376	112	152	0.003	ng		0.00
5) Phenol-d6	6.943	99	414	0.008	ng		0.00
8) Nitrobenzene-d5	8.913	82	2046	0.054	ng		0.00
11) 2-Methylnaphthalene-d10	12.142	152	6650	0.043	ng		0.00
14) 2,4,6-Tribromophenol	15.882	330	46	0.126	ng		0.00
15) 2-Fluorobiphenyl	13.014	172	8799	0.040	ng		0.00
27) Fluoranthene-d10	19.154	212	19194	0.047	ng		0.00
31) Terphenyl-d14	19.754	244	13946	0.048	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.633	42	1768	0.088	ng	#	1
9) Naphthalene	10.598	128	11110	0.050	ng		97
12) 2-Methylnaphthalene	12.213	142	3020	0.020	ng	#	95
16) Acenaphthylene	14.105	152	36264	0.163	ng		99
17) Acenaphthene	14.448	154	4519	0.029	ng		98
18) Fluorene	15.437	166	15672	0.084	ng	#	97
20) 4,6-Dinitro-2-methylph...	15.488	198	10	0.057	ng	#	1
23) Atrazine	16.593	200	60	0.132	ng	#	18
24) Pentachlorophenol	16.788	266	277	0.198	ng		96
25) Phenanthrene	17.165	178	536247	1.508	ng		100
26) Anthracene	17.250	178	118037	0.386	ng	#	94
28) Fluoranthene	19.183	202	984191	2.446	ng		98
30) Pyrene	19.546	202	776891	1.832	ng		97
32) Benzo(a)anthracene	21.293	228	407015	1.020	ng		94
33) Chrysene	21.346	228	337078	0.777	ng		97
34) Bis(2-ethylhexyl)phtha...	21.229	149	10667	0.113	ng		96
36) Indeno(1,2,3-cd)pyrene	25.974	276	72475	0.270	ng	#	91
37) Benzo(b)fluoranthene	22.914	252	340454	1.243	ng		99
39) Benzo(a)pyrene	23.506	252	184729	0.754	ng		97
40) Dibenzo(a,h)anthracene	25.985	278	16124	0.074	ng	#	84
41) Benzo(g,h,i)perylene	26.703	276	58680	0.260	ng		96

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

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Misc :
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Instrument :
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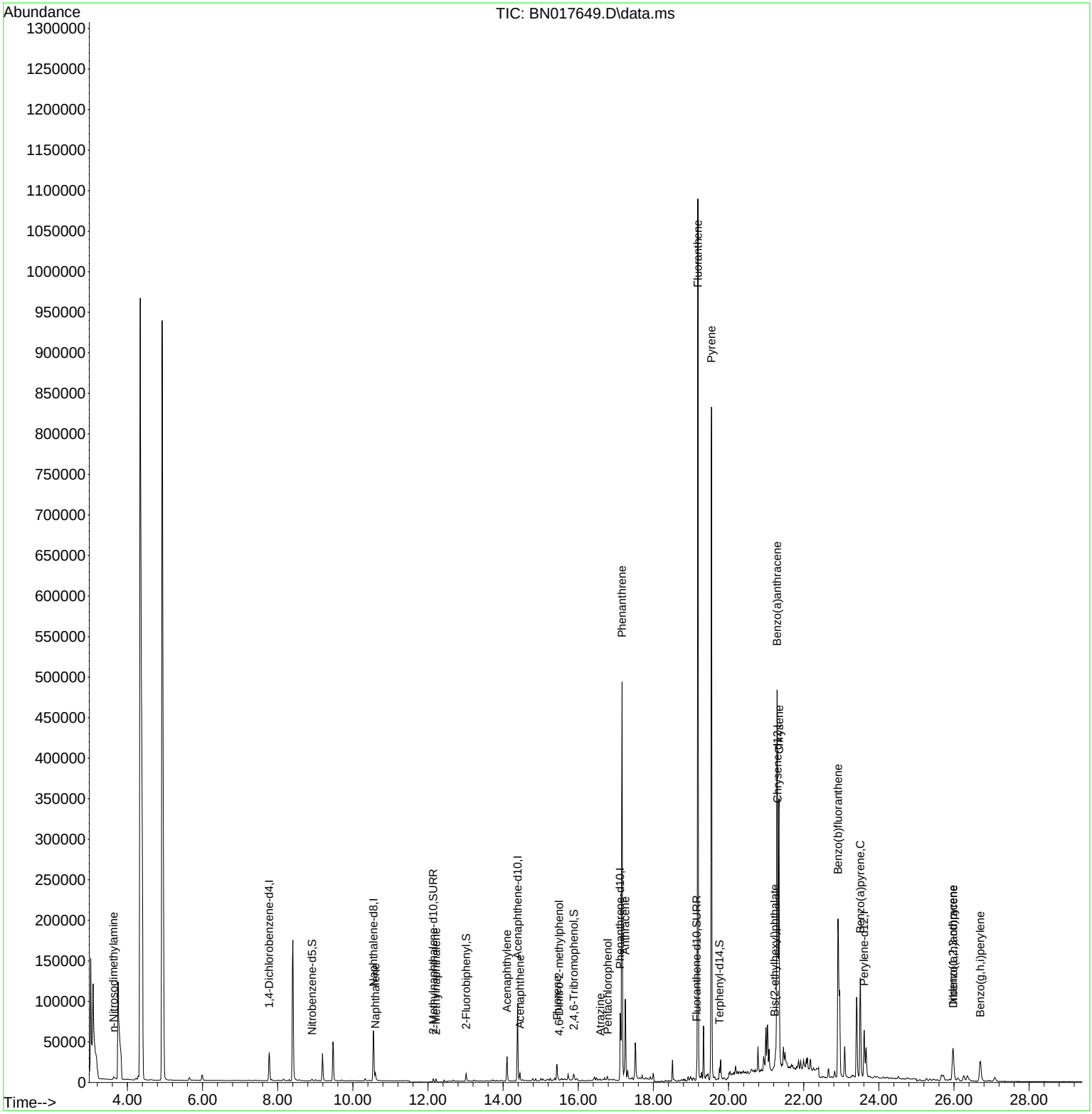
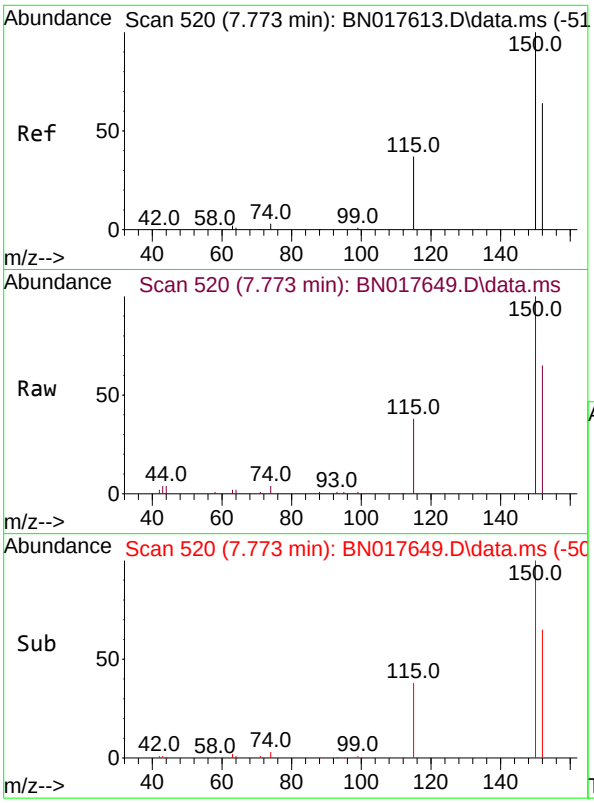
Quant Time: Dec 01 14:28:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 30 18:26:44 2021
Response via : Initial Calibration



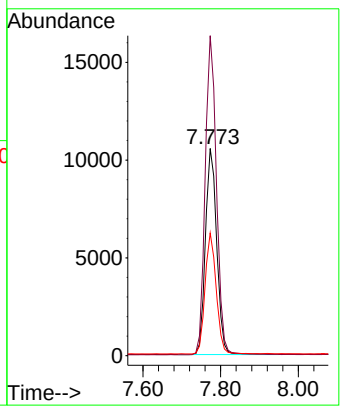


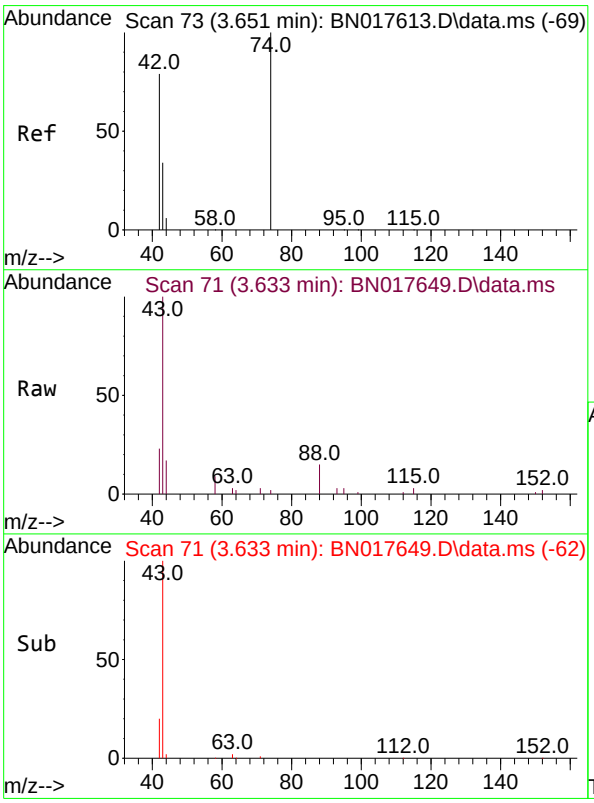
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.773 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:152 Resp: 21366

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.0	184.4
115	59.2	45.6	68.4

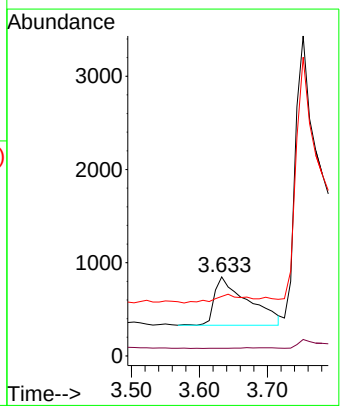


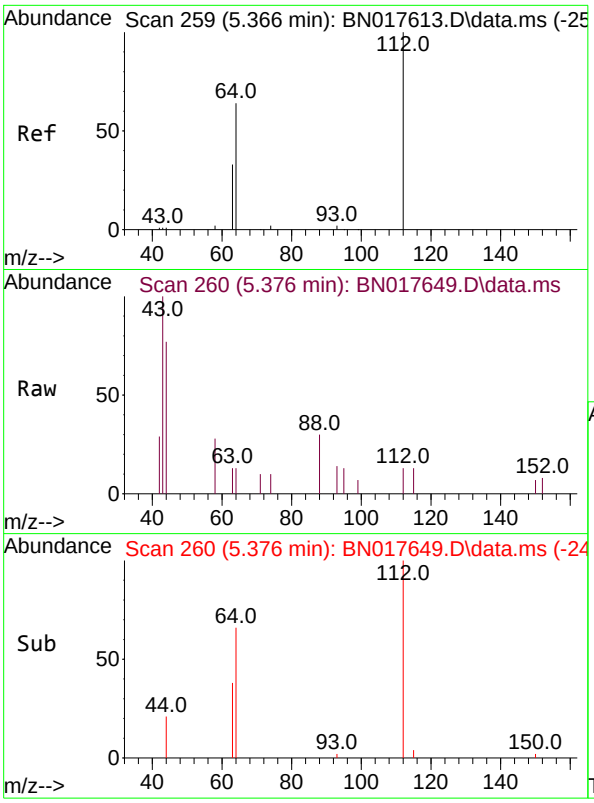


#3
n-Nitrosodimethylamine
Concen: 0.088 ng
RT: 3.633 min Scan# 71
Delta R.T. -0.018 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion: 42 Resp: 1768

Ion	Ratio	Lower	Upper
42	100		
74	0.0	97.8	146.6#
44	17.5	5.5	8.3#



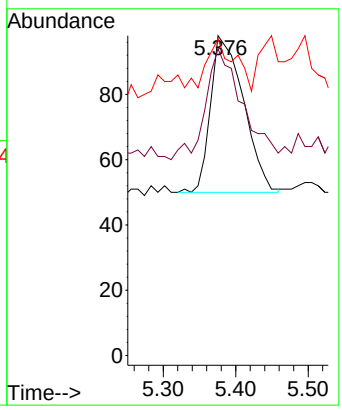


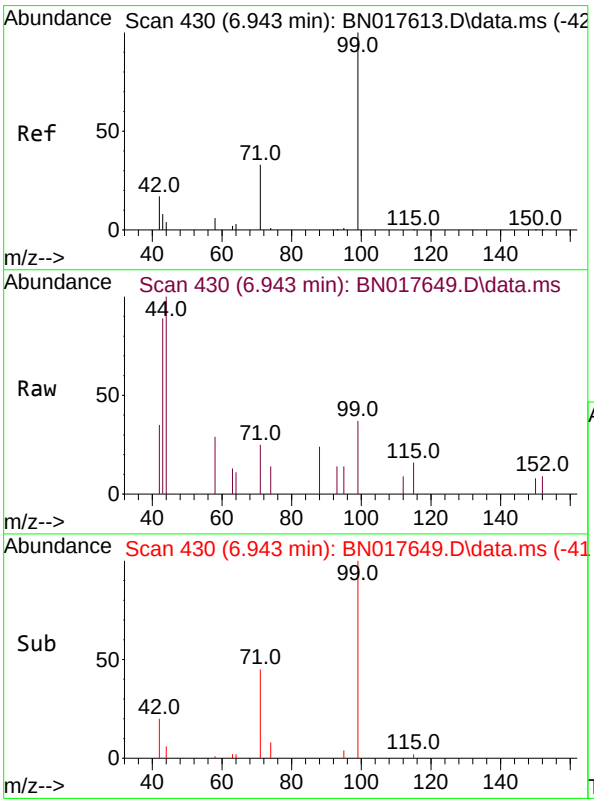
#4
2-Fluorophenol
Concen: 0.003 ng
RT: 5.376 min Scan# 2
Delta R.T. 0.010 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:112 Resp: 152

Ion	Ratio	Lower	Upper
112	100		
64	78.9	47.6	71.4#
63	28.3	24.6	37.0

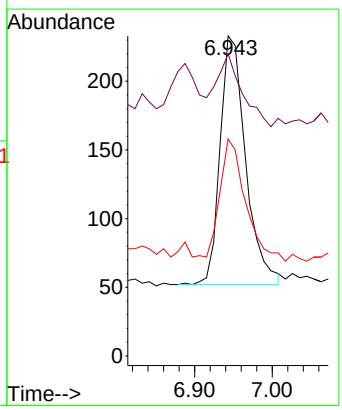


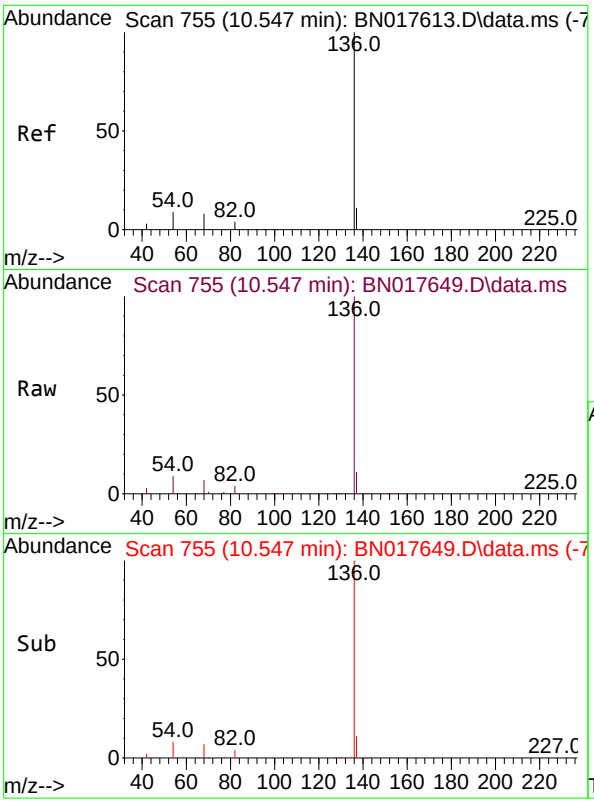


#5
Phenol-d6
Concen: 0.008 ng
RT: 6.943 min Scan# 430
Delta R.T. 0.000 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion: 99 Resp: 414

Ion	Ratio	Lower	Upper
99	100		
42	29.2	17.0	25.6#
71	44.9	24.8	37.2#



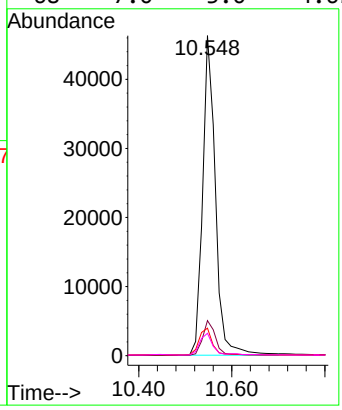


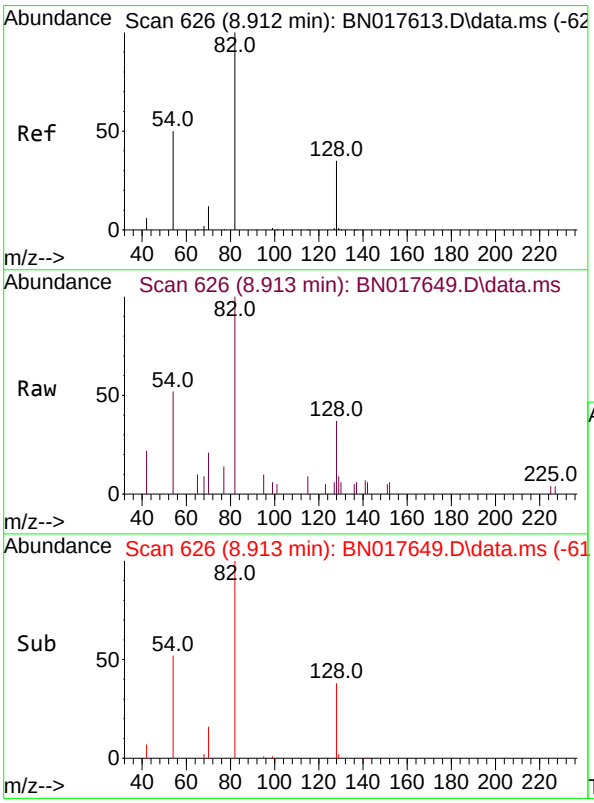
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.547 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:136 Resp: 88685

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.6	4.0	6.0#
68	7.0	3.0	4.6#

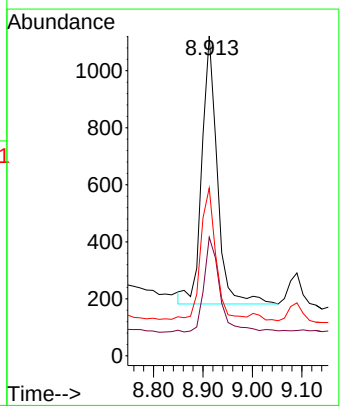


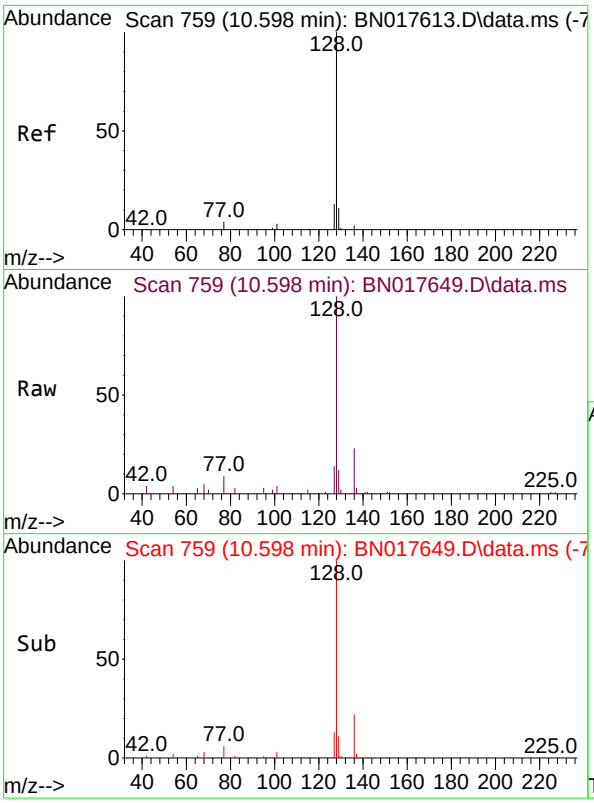


#8
Nitrobenzene-d5
Concen: 0.054 ng
RT: 8.913 min Scan# 626
Delta R.T. 0.001 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion: 82 Resp: 2046

Ion	Ratio	Lower	Upper
82	100		
128	37.1	27.7	41.5
54	52.5	49.2	73.8



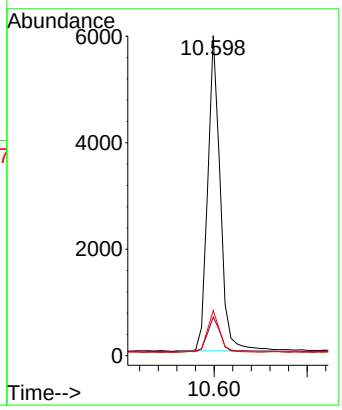


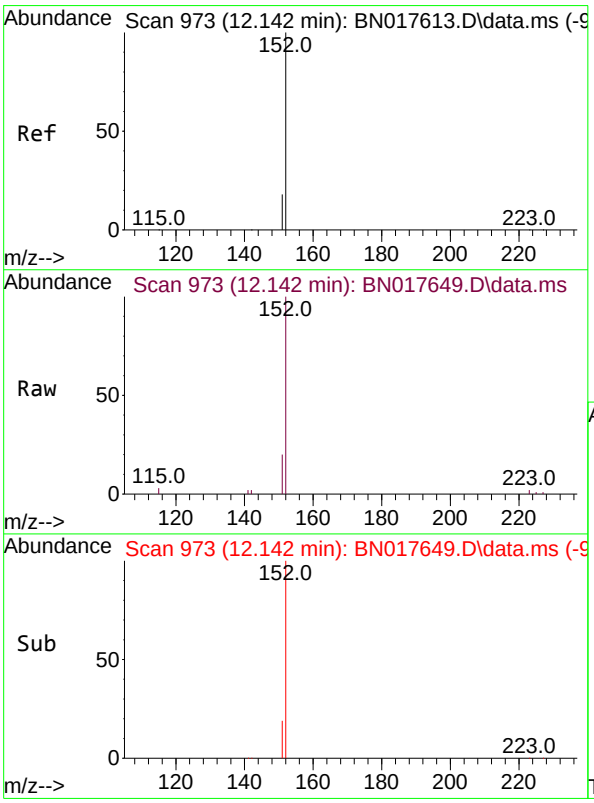
#9
Naphthalene
Concen: 0.050 ng
RT: 10.598 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:128 Resp: 11110

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.8	13.2
127	14.1	10.6	15.8

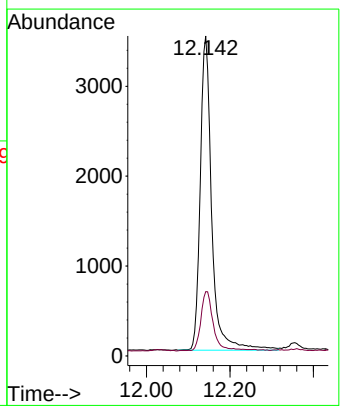


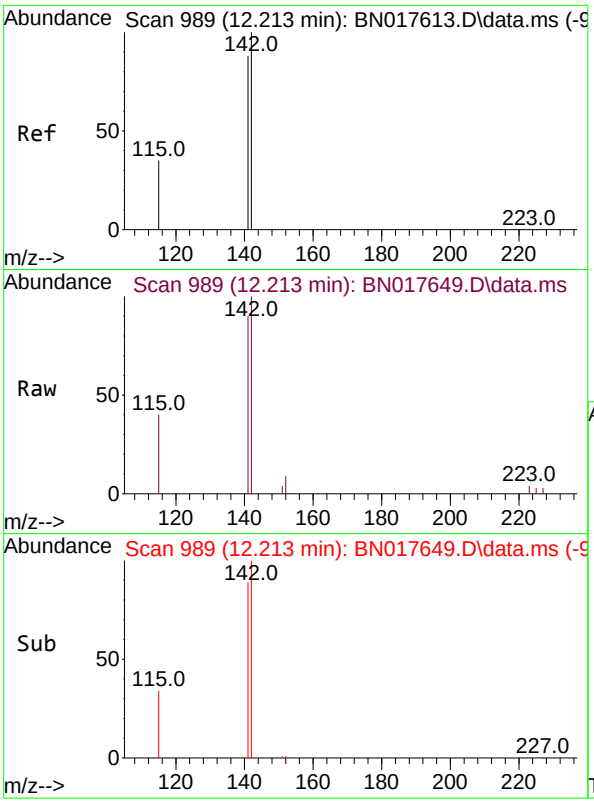


#11
2-Methylnaphthalene-d10
Concen: 0.043 ng
RT: 12.142 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion:152 Resp: 6650

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4



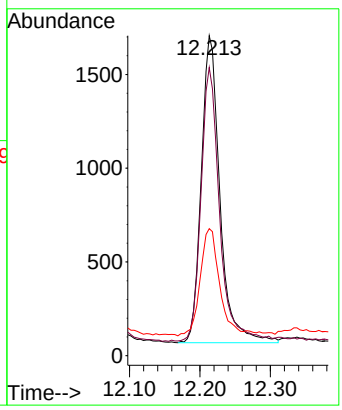


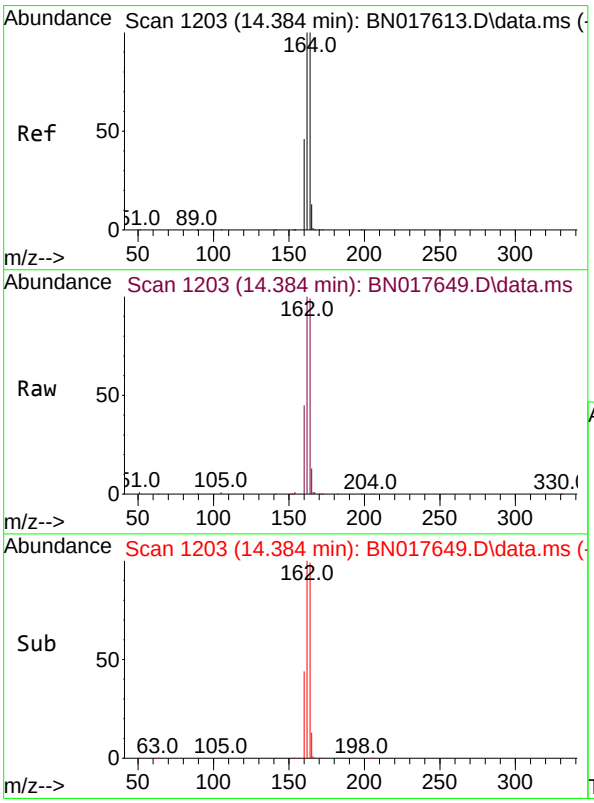
#12
2-Methylnaphthalene
Concen: 0.020 ng
RT: 12.213 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:142 Resp: 3020

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.6	106.0
115	39.7	25.8	38.6#

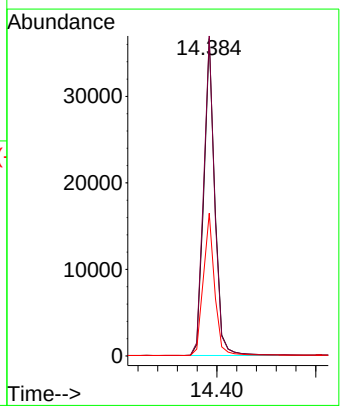


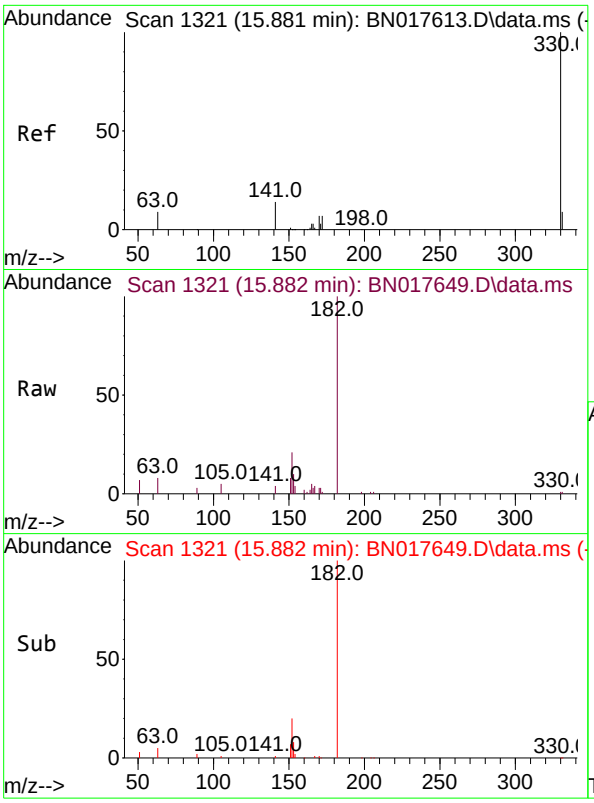


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.384 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion:164 Resp: 56957

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.2
160	44.9	36.8	55.2



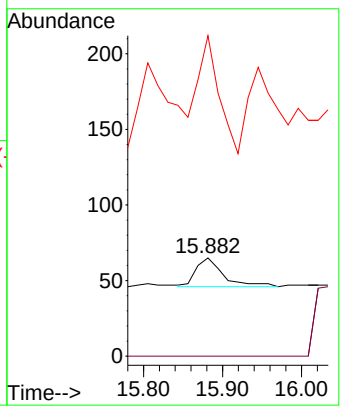


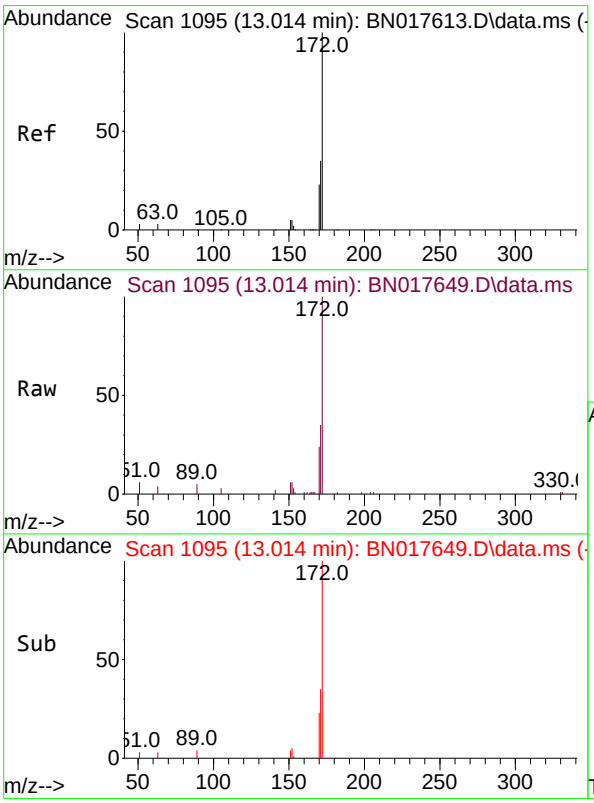
#14
2,4,6-Tribromophenol
Concen: 0.126 ng
RT: 15.882 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:330 Resp: 46

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	308.7	28.9	43.3#

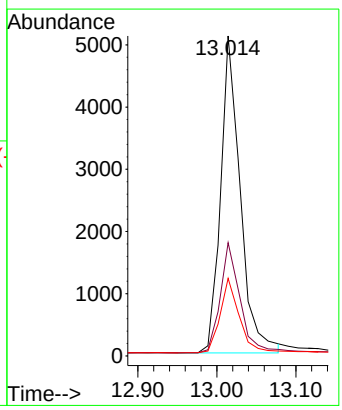


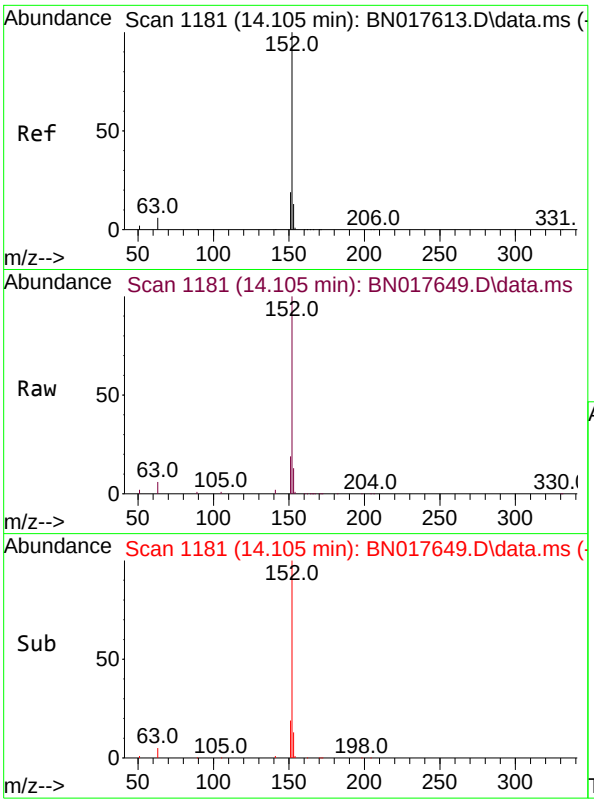


#15
2-Fluorobiphenyl
Concen: 0.040 ng
RT: 13.014 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion:172 Resp: 8799

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	24.2	19.4	29.2



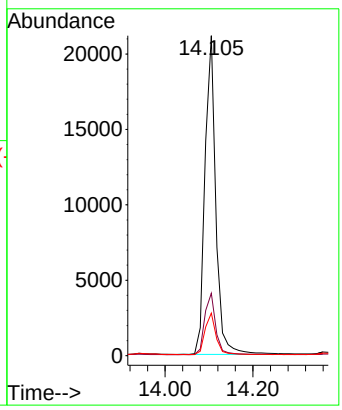


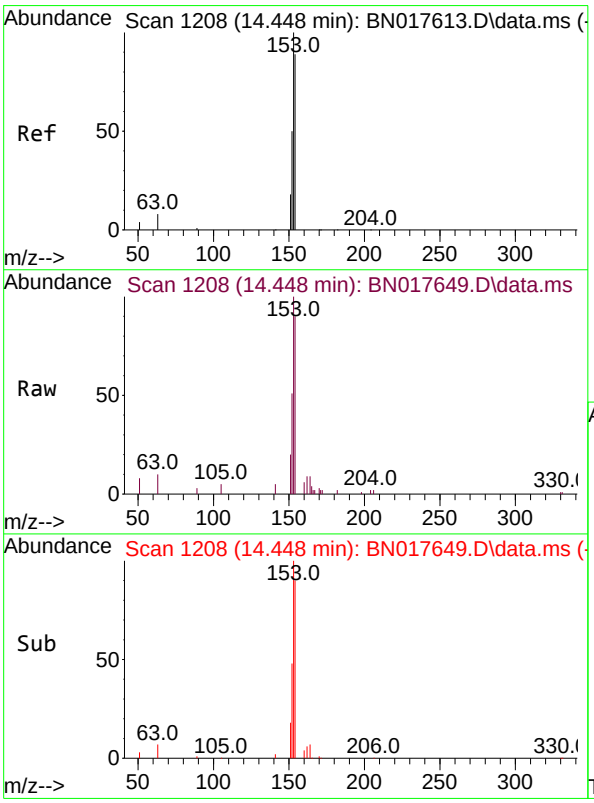
#16
Acenaphthylene
Concen: 0.163 ng
RT: 14.105 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:152 Resp: 36264

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	13.3	10.4	15.6

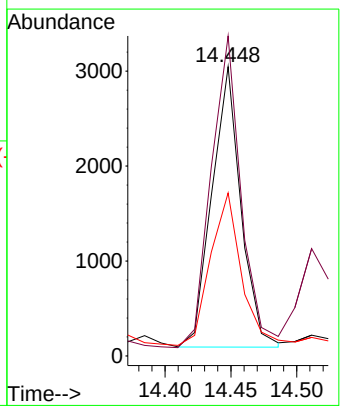


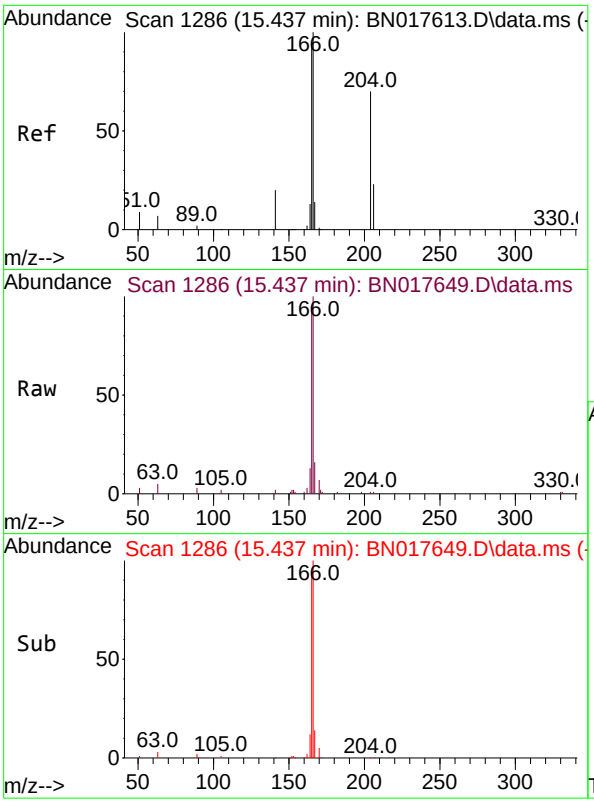


#17
Acenaphthene
Concen: 0.029 ng
RT: 14.448 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion:154 Resp: 4519

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.2	136.8
152	58.2	44.3	66.5



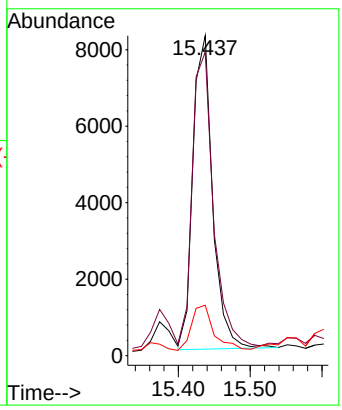


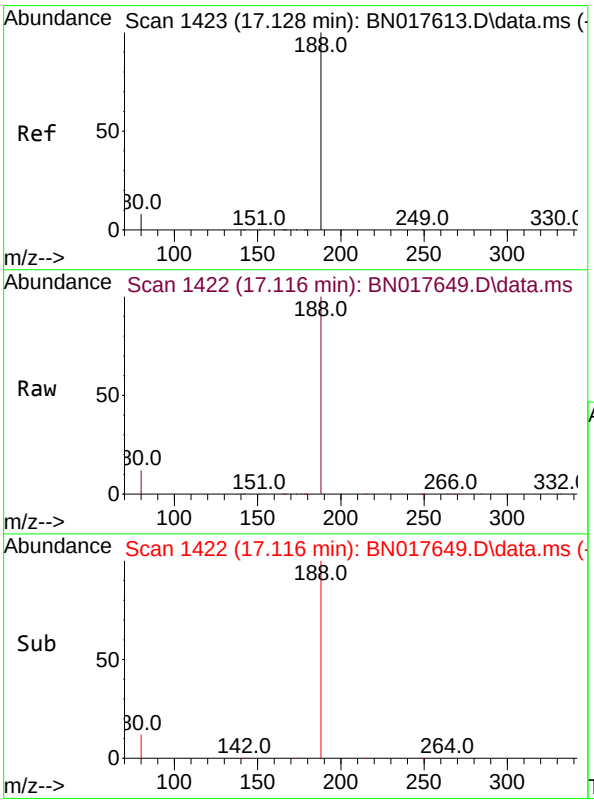
#18
Fluorene
Concen: 0.084 ng
RT: 15.437 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:166 Resp: 15672

Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.9	116.9
167	16.6	10.9	16.3#

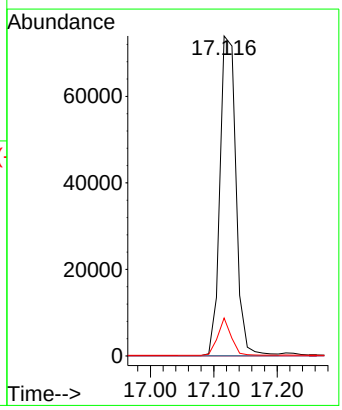


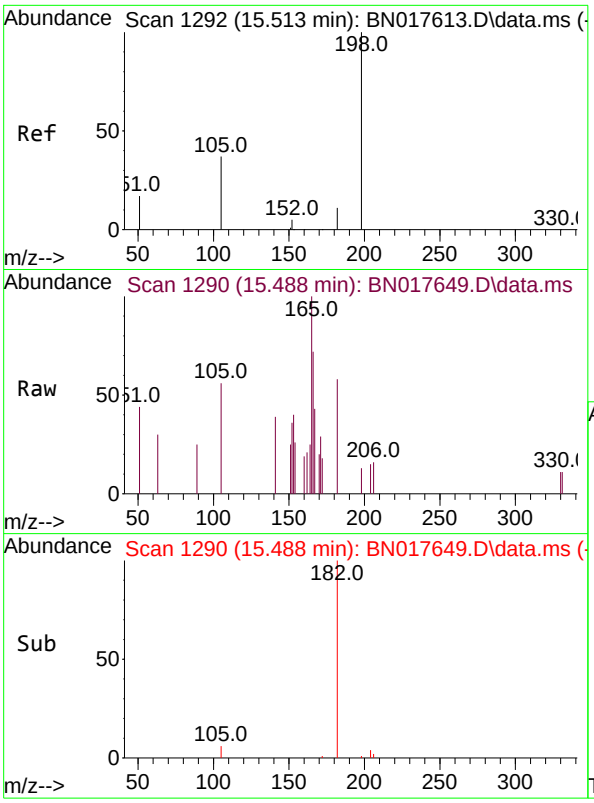


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion:188 Resp: 129650

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	6.1	9.1#



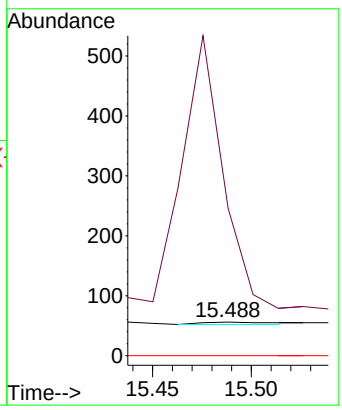


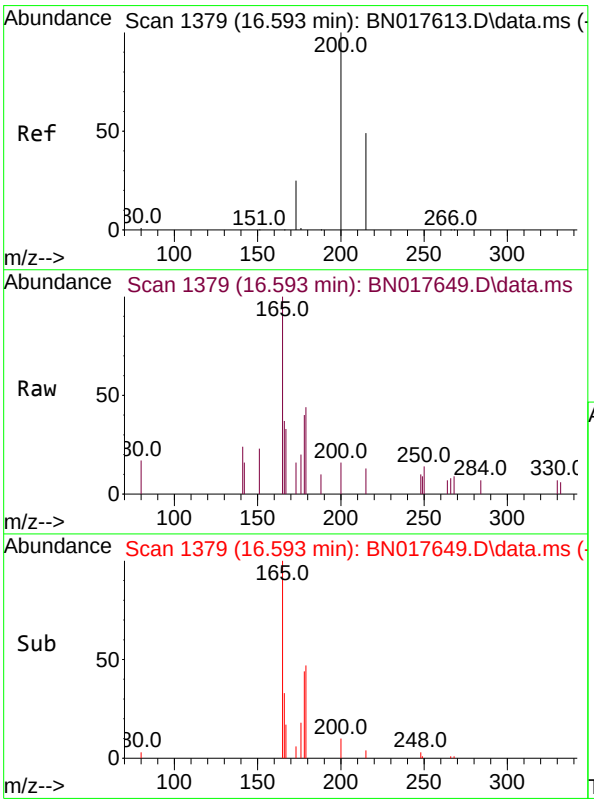
#20
4,6-Dinitro-2-methylphenol
Concen: 0.057 ng
RT: 15.488 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:198 Resp: 10

Ion	Ratio	Lower	Upper
198	100		
182	439.3	11.4	17.2#
77	0.0	0.0	0.0

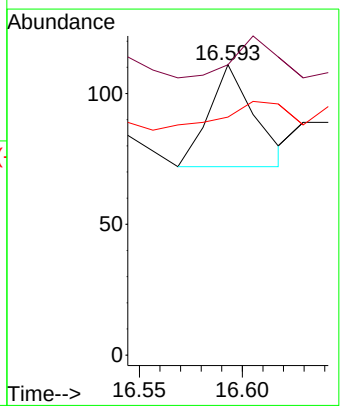


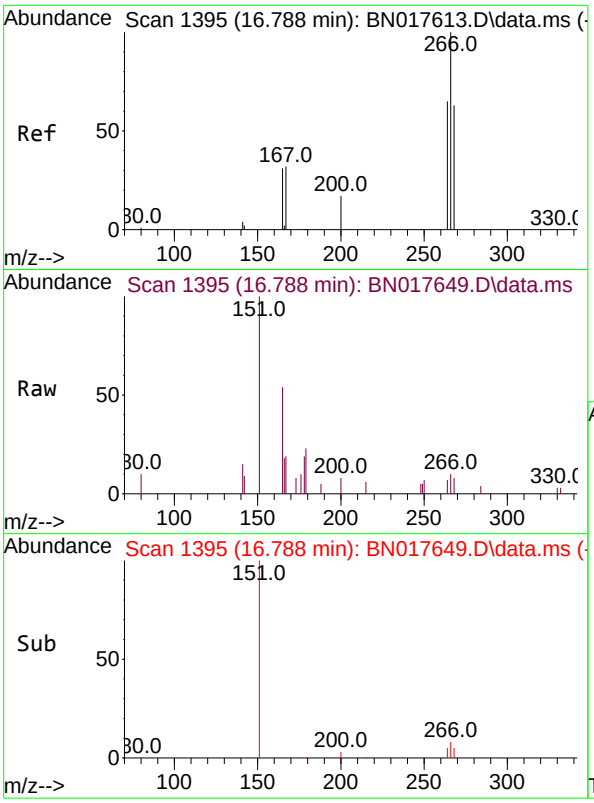


#23
Atrazine
Concen: 0.132 ng
RT: 16.593 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion:200 Resp: 60

Ion	Ratio	Lower	Upper
200	100		
173	100.0	17.6	26.4#
215	82.0	40.2	60.4#



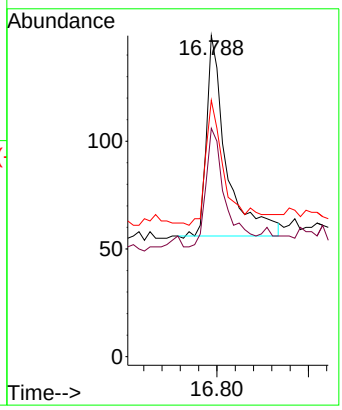


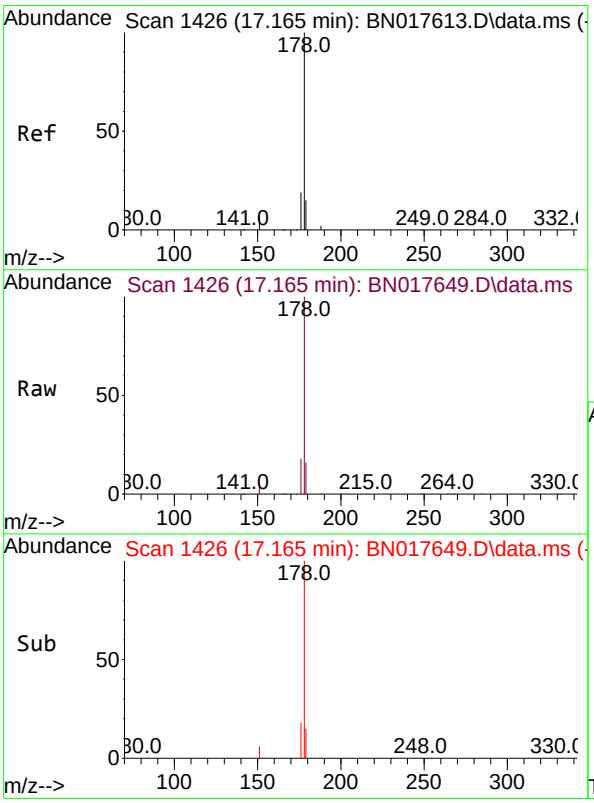
#24
Pentachlorophenol
Concen: 0.198 ng
RT: 16.788 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:266 Resp: 277

Ion	Ratio	Lower	Upper
266	100		
264	58.5	49.8	74.8
268	61.0	51.3	76.9

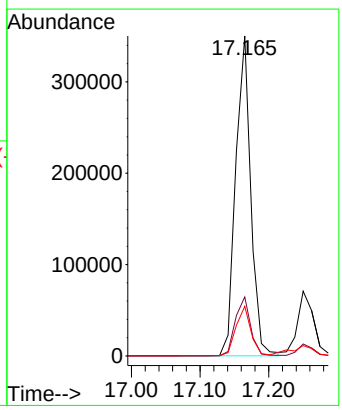


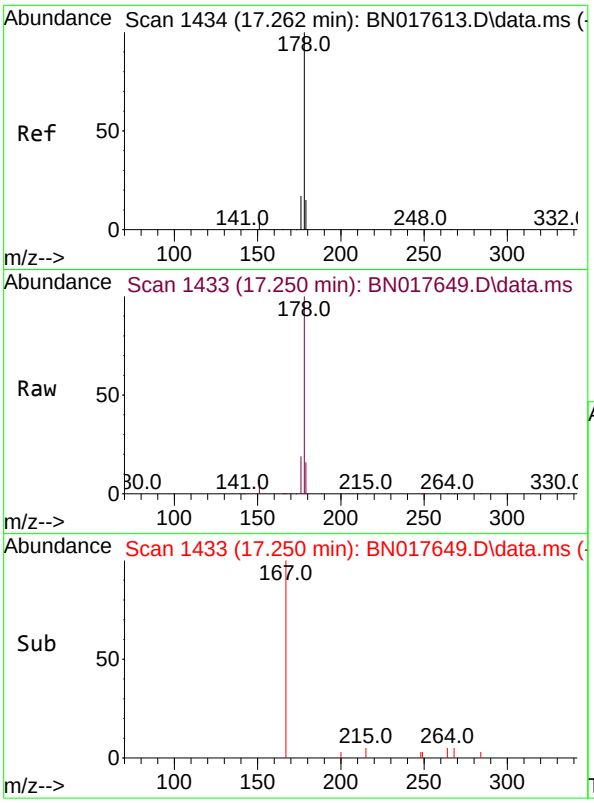


#25
Phenanthrene
Concen: 1.508 ng
RT: 17.165 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion:178 Resp: 536247

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.4	12.3	18.5



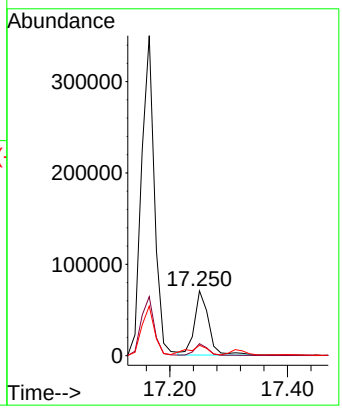


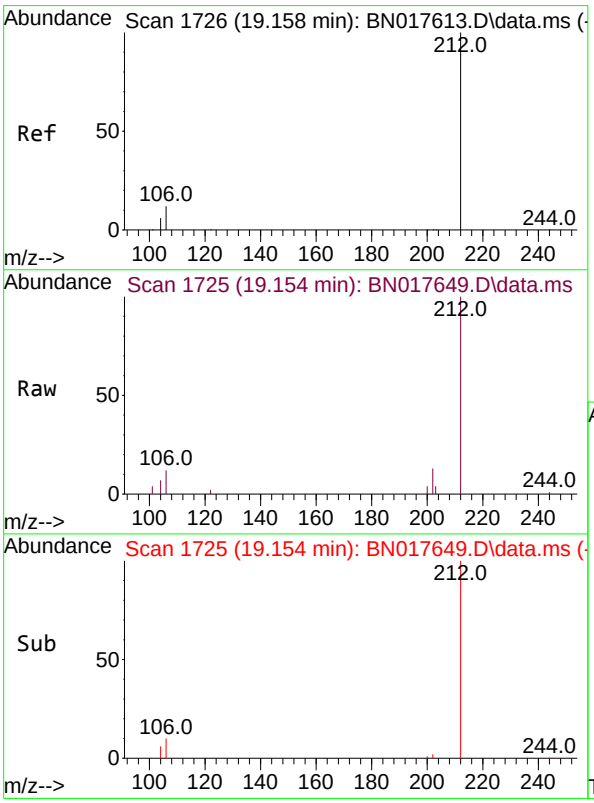
#26
Anthracene
Concen: 0.386 ng
RT: 17.250 min Scan# 14
Delta R.T. -0.012 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:178 Resp: 118037

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	22.0
179	19.7	12.2	18.4#

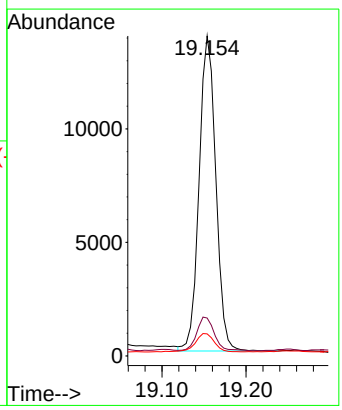


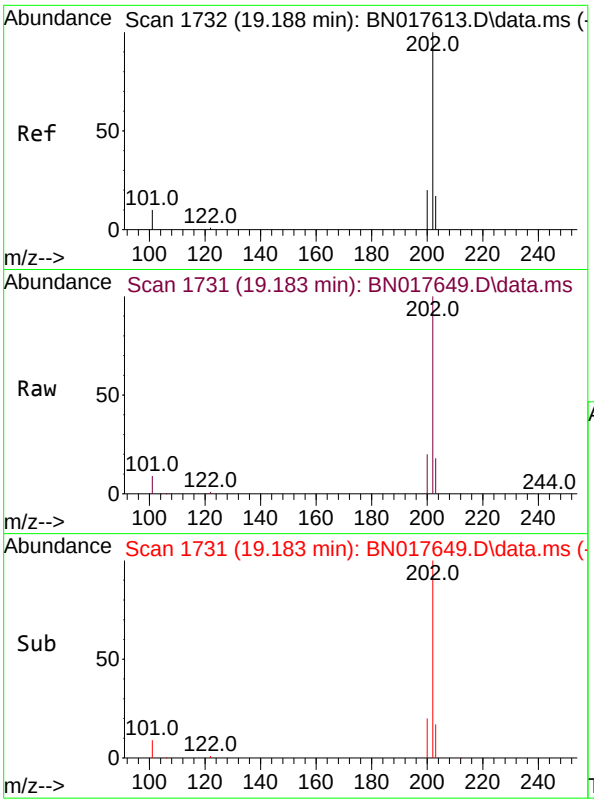


#27
Fluoranthene-d10
Concen: 0.047 ng
RT: 19.154 min Scan# 1725
Delta R.T. -0.004 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion:212 Resp: 19194

Ion	Ratio	Lower	Upper
212	100		
106	11.2	10.5	15.7
104	6.9	5.8	8.6



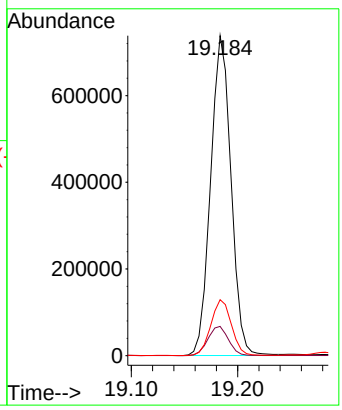


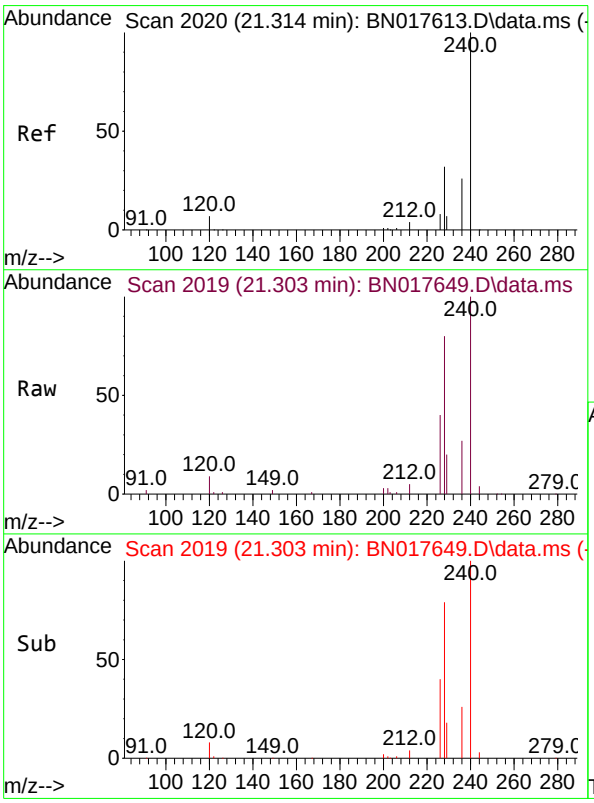
#28
Fluoranthene
Concen: 2.446 ng
RT: 19.183 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:202 Resp: 984191

Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.9	13.3
203	17.5	13.8	20.6

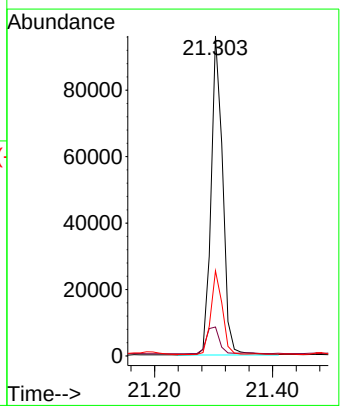


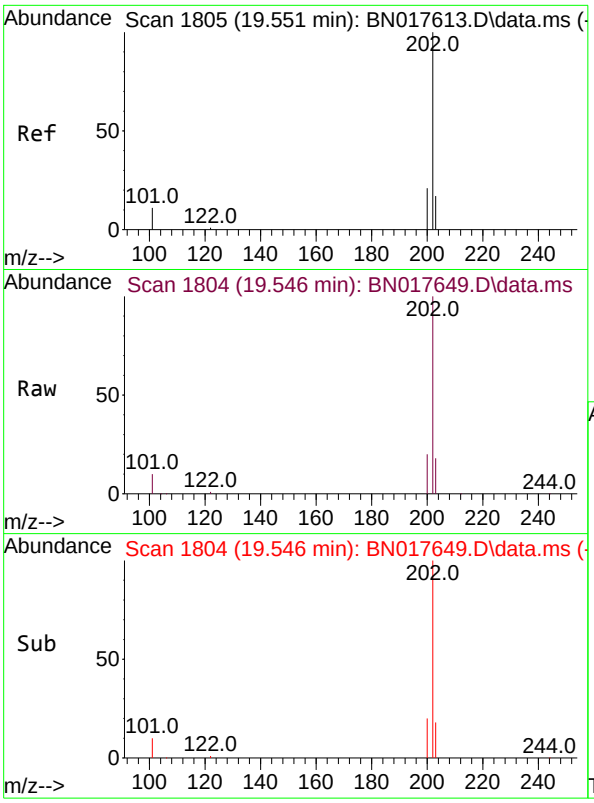


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion:240 Resp: 131341

Ion	Ratio	Lower	Upper
240	100		
120	9.1	4.2	6.2#
236	26.6	20.0	30.0



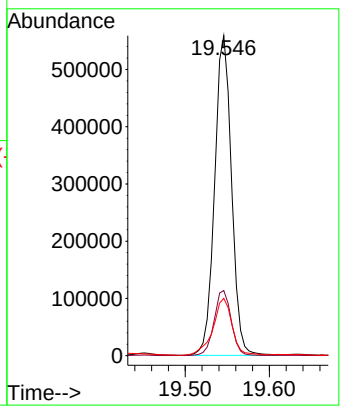


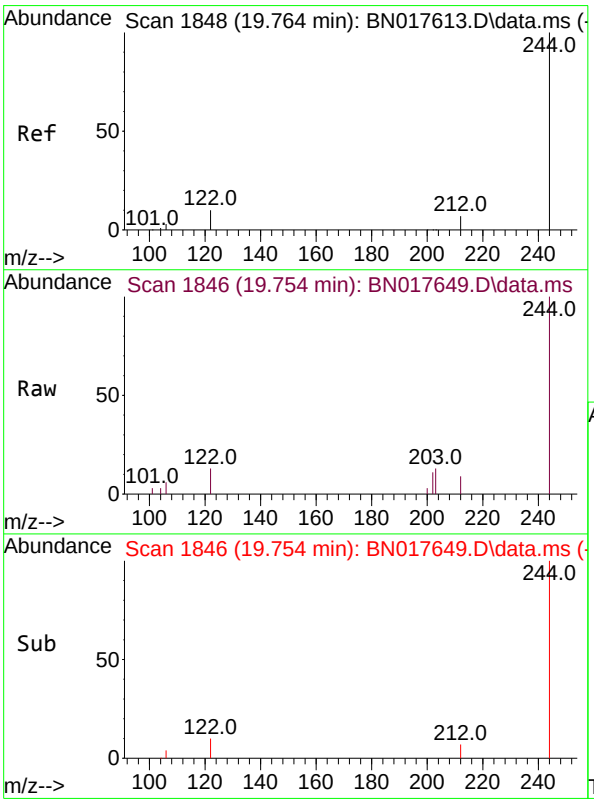
#30
Pyrene
Concen: 1.832 ng
RT: 19.546 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:202 Resp: 776891

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	20.1	14.0	21.0

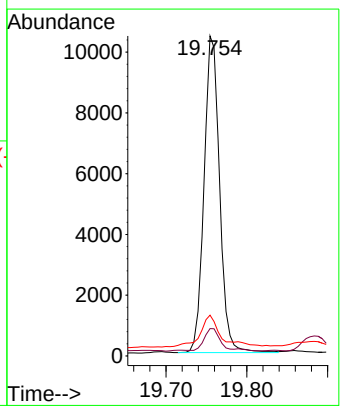


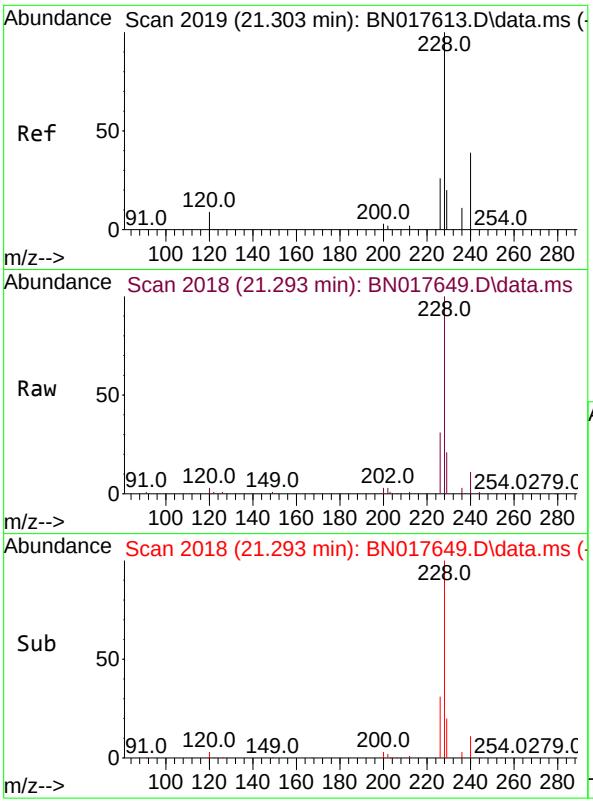


#31
Terphenyl-d14
Concen: 0.048 ng
RT: 19.754 min Scan# 1846
Delta R.T. -0.010 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion:244 Resp: 13946

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.7	8.5#
122	12.8	8.6	13.0



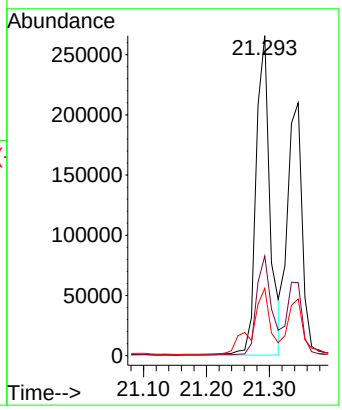


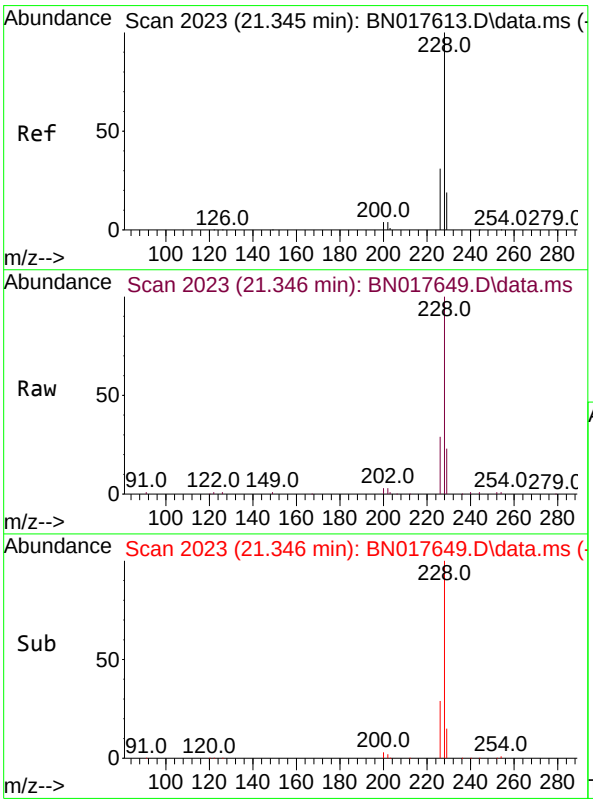
#32
Benzo(a)anthracene
Concen: 1.020 ng
RT: 21.293 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:228 Resp: 407015

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.3	31.9
229	21.1	15.7	23.5

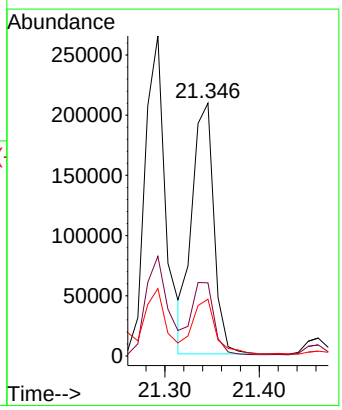


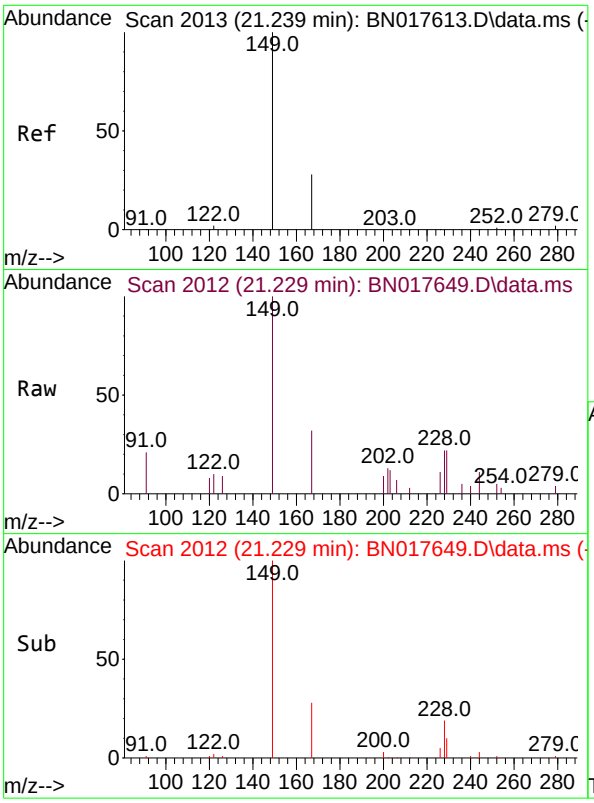


#33
Chrysene
Concen: 0.777 ng
RT: 21.346 min Scan# 2023
Delta R.T. 0.001 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion:228 Resp: 337078

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.3	34.9
229	22.5	15.6	23.4



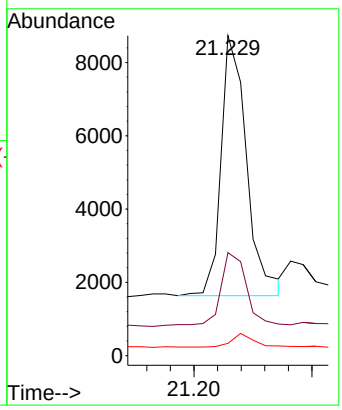


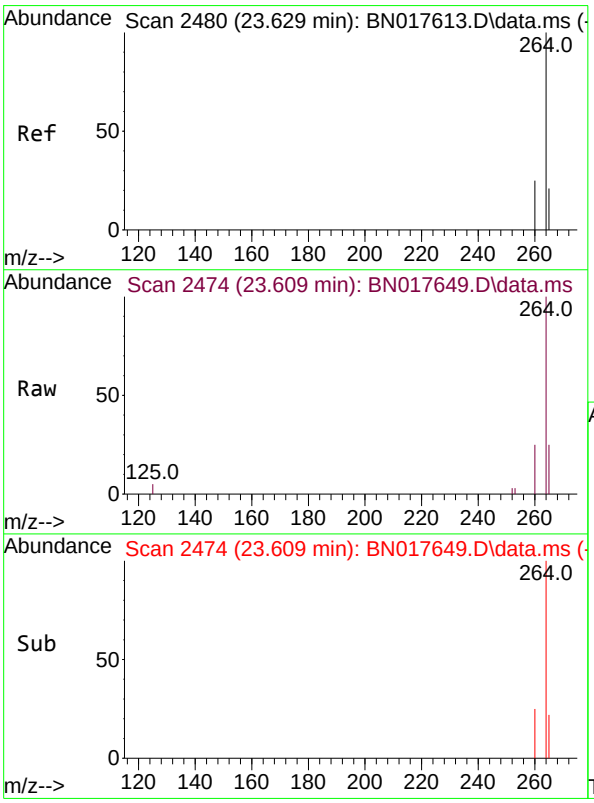
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 21.229 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:149 Resp: 10667

Ion	Ratio	Lower	Upper
149	100		
167	29.5	21.8	32.6
279	4.5	3.4	5.0

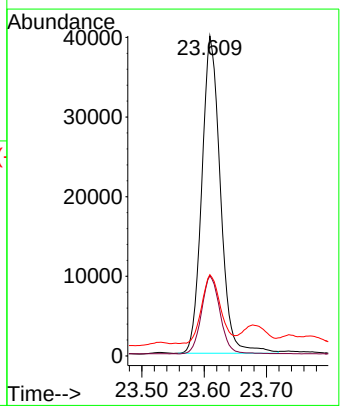


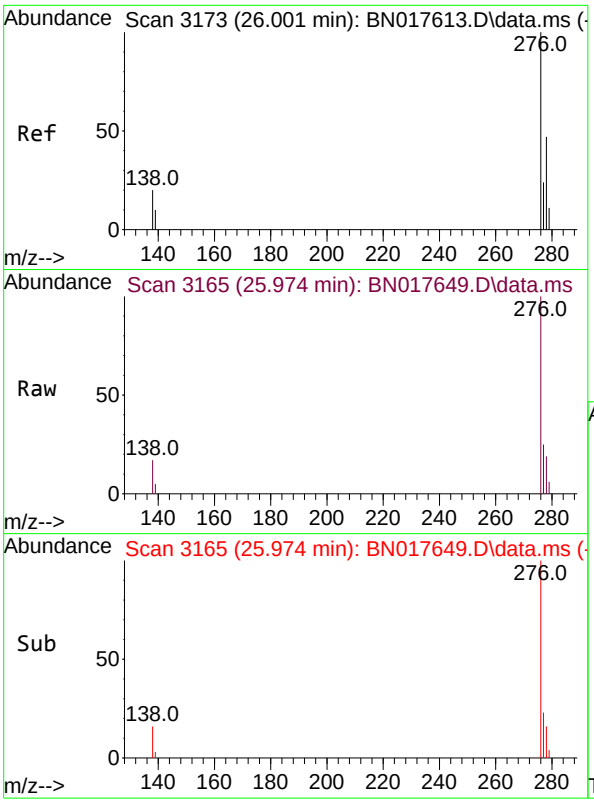


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.609 min Scan# 2474
Delta R.T. -0.020 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion:264 Resp: 82563

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	25.4	18.6	28.0



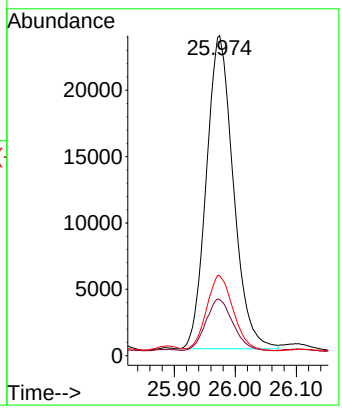


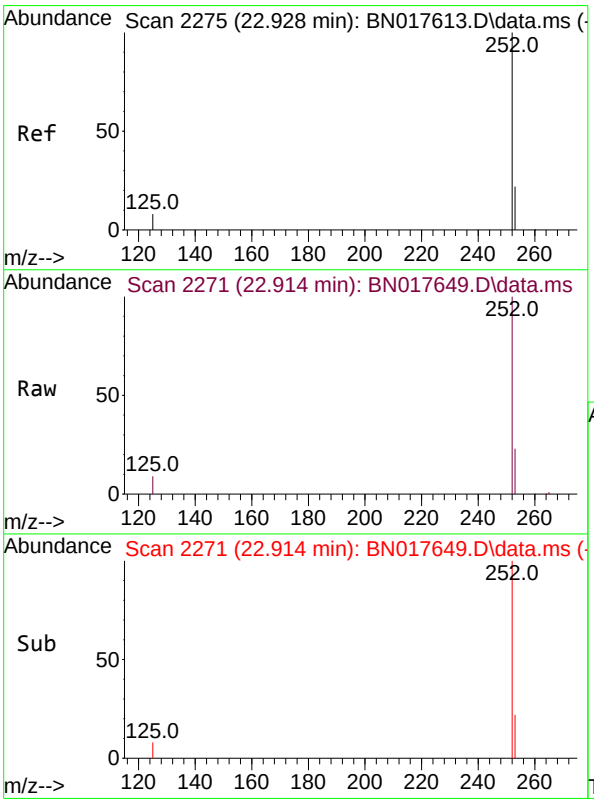
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.270 ng
RT: 25.974 min Scan# 3
Delta R.T. -0.027 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:276 Resp: 72475

Ion	Ratio	Lower	Upper
276	100		
138	16.4	19.7	29.5#
277	23.9	20.0	30.0

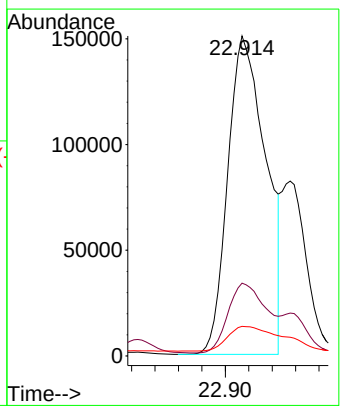


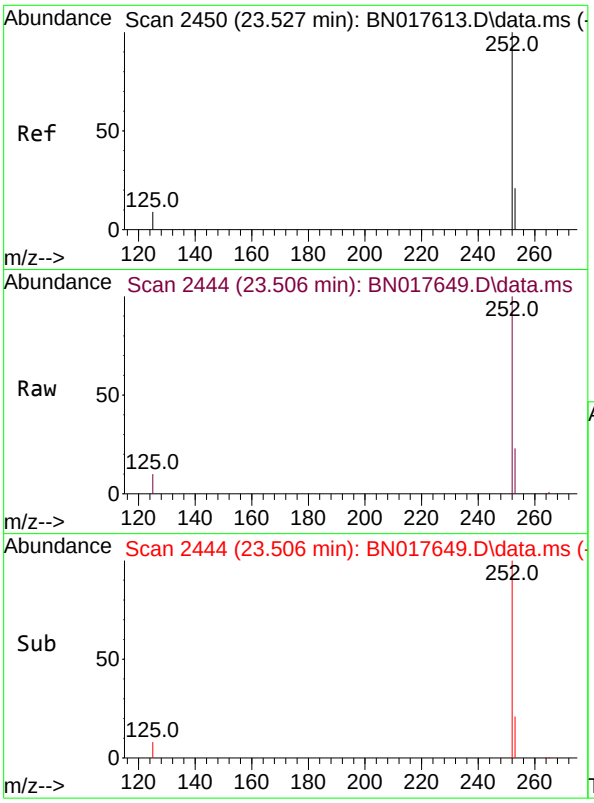


#37
Benzo(b)fluoranthene
Concen: 1.243 ng
RT: 22.914 min Scan# 2271
Delta R.T. -0.013 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion:252 Resp: 340454

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	9.3	7.8	11.8



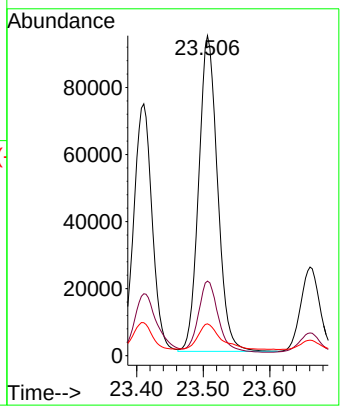


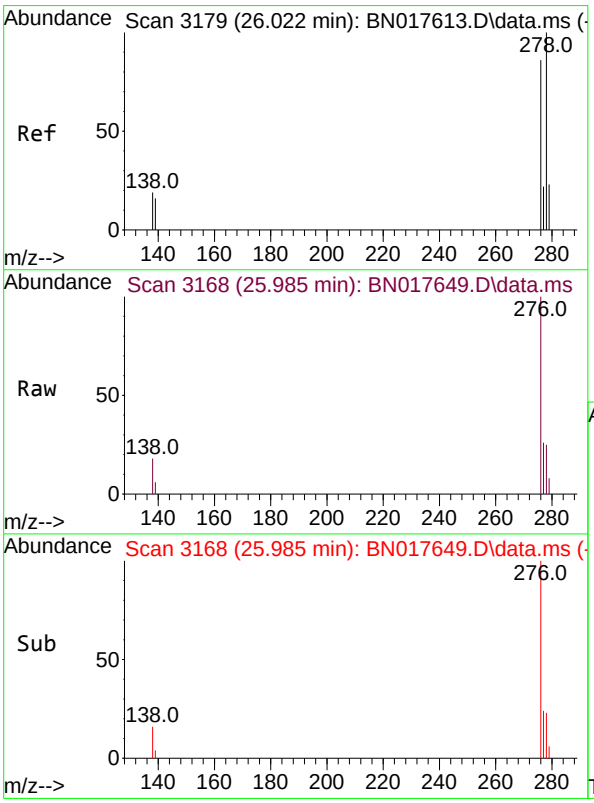
#39
Benzo(a)pyrene
Concen: 0.754 ng
RT: 23.506 min Scan# 24
Delta R.T. -0.020 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:252 Resp: 184729

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	9.9	9.2	13.8

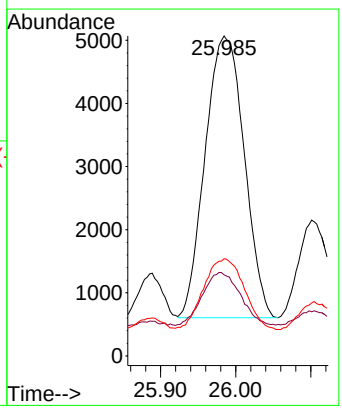


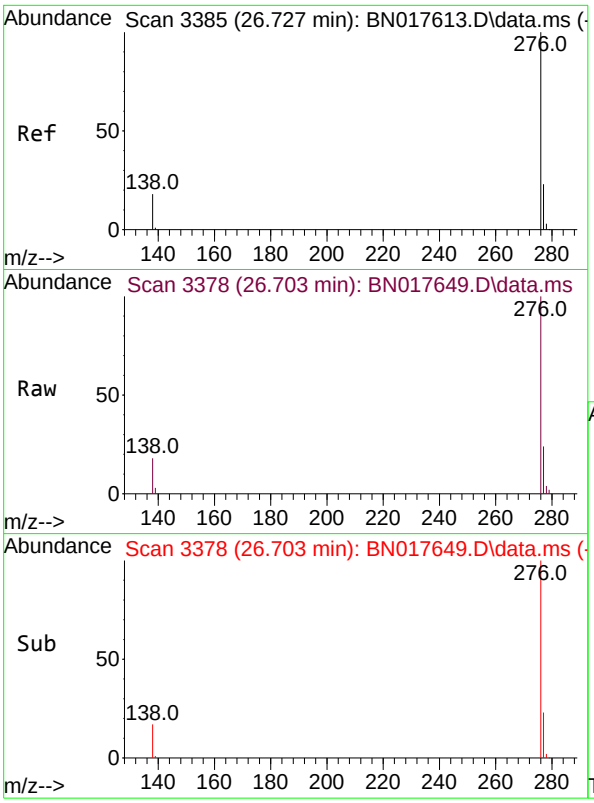


#40
Dibenzo(a,h)anthracene
Concen: 0.074 ng
RT: 25.985 min Scan# 3168
Delta R.T. -0.037 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Tgt Ion:278 Resp: 16124

Ion	Ratio	Lower	Upper
278	100		
139	25.4	13.0	19.6#
279	30.4	19.2	28.8#





#41
Benzo(g,h,i)perylene
Concen: 0.260 ng
RT: 26.703 min Scan# 3
Delta R.T. -0.024 min
Lab File: BN017649.D
Acq: 01 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
CS-9DL

Tgt Ion:276 Resp: 58680

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.4
138	18.0	17.1	25.7