Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
Data File : BN017637.D
Acq On : 01 Dec 2021 06:46
Operator : CG/JU
Sample : M4862-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CS-8

Quant Time: Dec 01 07:15:50 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	25617	0.400 ng	0.00
7) Naphthalene-d8	10.548	136	107670	0.400 ng	# 0.00
13) Acenaphthene-d10	14.384	164	65674	0.400 ng	0.00
19) Phenanthrene-d10	17.116	188	129031	0.400 ng	#-0.01
29) Chrysene-d12	21.303	240	120841	0.400 ng	#-0.01
35) Perylene-d12	23.616	264	126169	0.400 ng	#-0.01
System Monitoring Compounds					
4) 2-Fluorophenol	5.394	112	64	0.001 ng	0.03
5) Phenol-d6	6.952	99	497	0.008 ng	0.00
8) Nitrobenzene-d5	8.913	82	11561	0.253 ng	0.00
11) 2-Methylnaphthalene-d10	12.138	152	42304	0.225 ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	41	0.126 ng	-0.01
15) 2-Fluorobiphenyl	13.014	172	53501	0.209 ng	0.00
27) Fluoranthene-d10	19.154	212	94746	0.235 ng	0.00
31) Terphenyl-d14	19.754	244	73209	0.276 ng	0.00
Target Compounds					Qvalue
3) n-Nitrosodimethylamine	3.642	42	28782	1.197 ng	# 1
9) Naphthalene	10.598	128	729728	2.687 ng	100
12) 2-Methylnaphthalene	12.209	142	381117	2.127 ng	98
16) Acenaphthylene	14.105	152	272008	1.062 ng	98
17) Acenaphthene	14.448	154	23234	0.131 ng	# 70
18) Fluorene	15.425	166	46872	0.218 ng	# 84
20) 4,6-Dinitro-2-methylph...	15.488	198	82	0.071 ng	# 1
23) Atrazine	16.593	200	897	0.145 ng	# 64
24) Pentachlorophenol	16.788	266	488	0.203 ng	# 91
25) Phenanthrene	17.165	178	6464375	18.267 ng	99
26) Anthracene	17.250	178	462553	1.521 ng	# 83
28) Fluoranthene	19.189	202	6185301	15.444 ng	97
30) Pyrene	19.546	202	4983956	12.777 ng	98
32) Benzo(a)anthracene	21.293	228	2625058	7.152 ng	95
33) Chrysene	21.346	228	2295368	5.749 ng	97
34) Bis(2-ethylhexyl)phtha...	21.240	149	35773	0.411 ng	96
36) Indeno(1,2,3-cd)pyrene	25.985	276	1297726	3.168 ng	# 91
37) Benzo(b)fluoranthene	22.925	252	2762460	6.603 ng	98
39) Benzo(a)pyrene	23.513	252	1523036	4.066 ng	97
40) Dibenzo(a,h)anthracene	25.995	278	292401	0.873 ng	96
41) Benzo(g,h,i)perylene	26.714	276	1172344	3.404 ng	95

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

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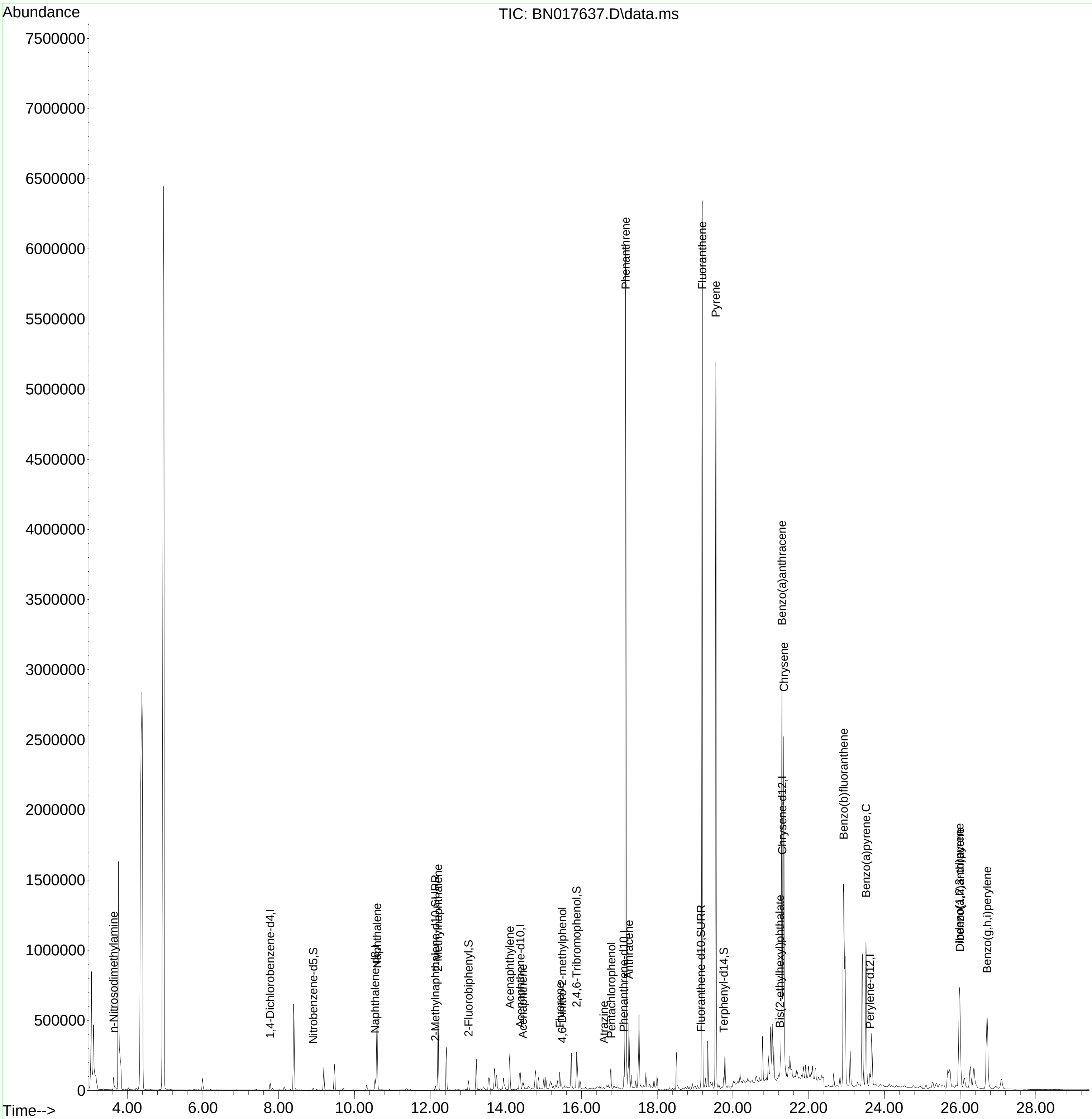
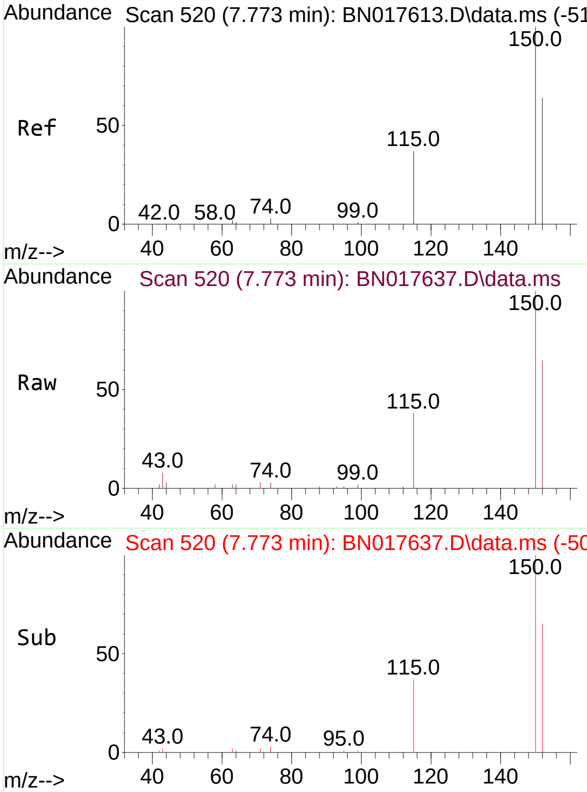


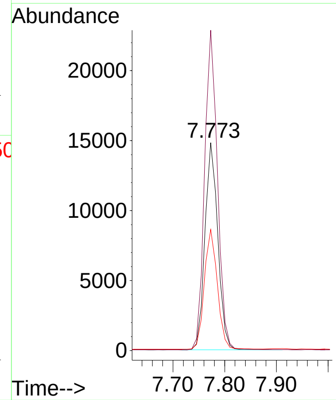


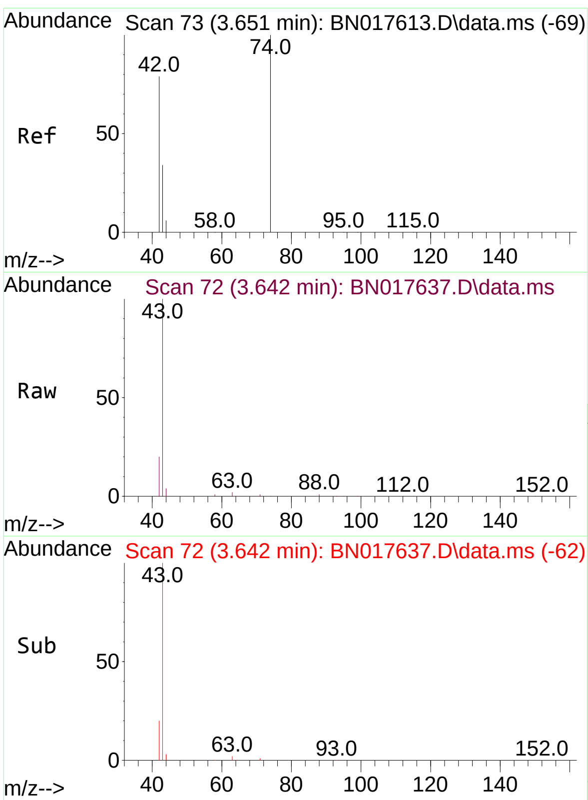
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.773 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Instrument :
BNA_N
ClientSampleId :
CS-8

Tgt Ion:152 Resp: 25617

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.0	184.4
115	58.3	45.6	68.4

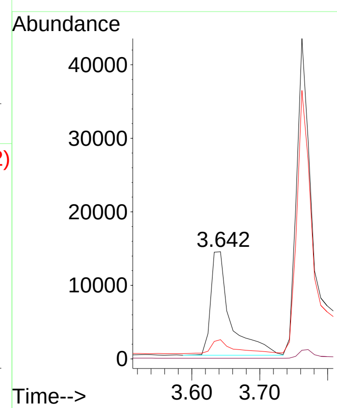


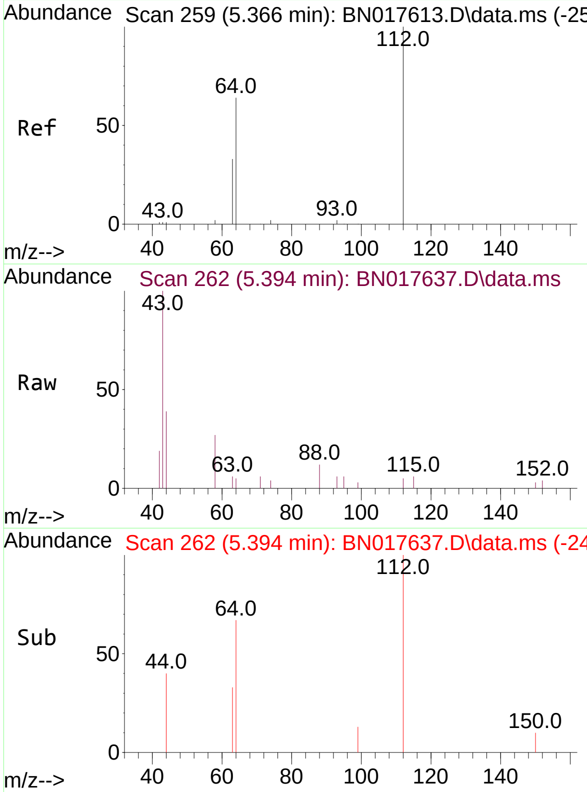


#3
n-Nitrosodimethylamine
Concen: 1.197 ng
RT: 3.642 min Scan# 72
Delta R.T. -0.009 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion: 42 Resp: 28782

Ion	Ratio	Lower	Upper
42	100		
74	0.0	97.8	146.6#
44	15.2	5.5	8.3#



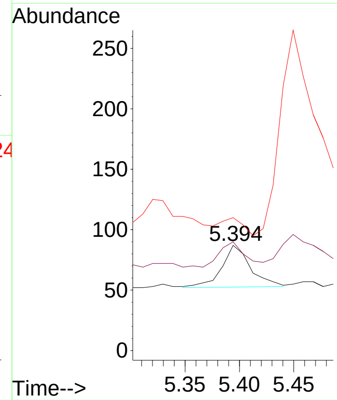


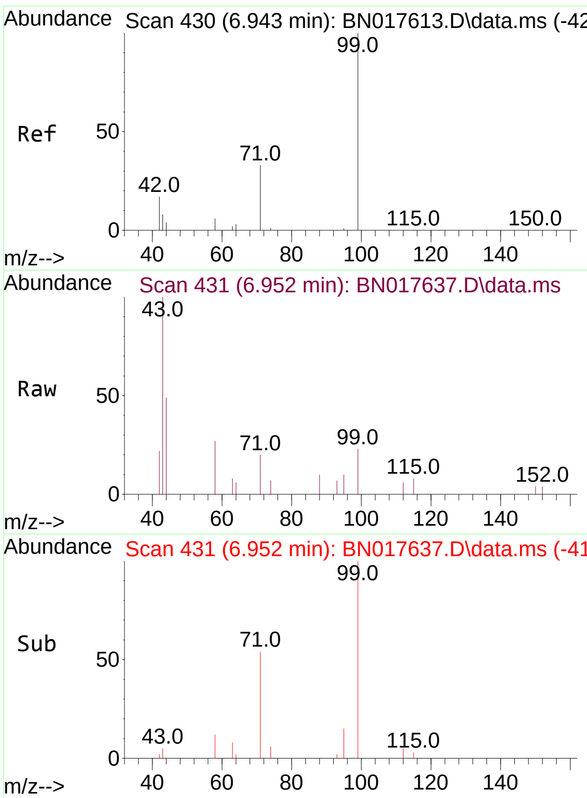
#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.394 min Scan# 2
Delta R.T. 0.028 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Instrument :
BNA_N
ClientSampleId :
CS-8

Tgt Ion:112 Resp: 64

Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.6	71.4
63	31.3	24.6	37.0

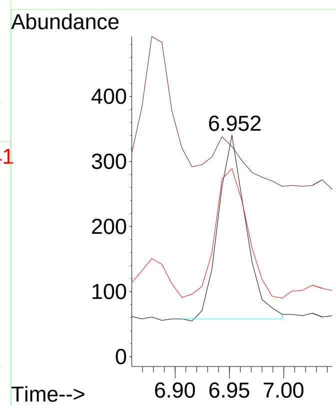


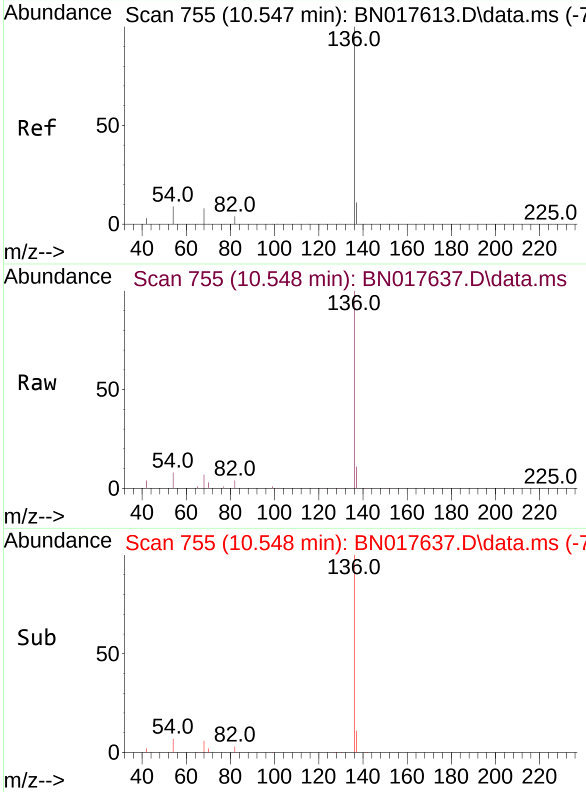


#5
Phenol-d6
Concen: 0.008 ng
RT: 6.952 min Scan# 431
Delta R.T. 0.010 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion: 99 Resp: 497

Ion	Ratio	Lower	Upper
99	100		
42	29.4	17.0	25.6#
71	81.7	24.8	37.2#





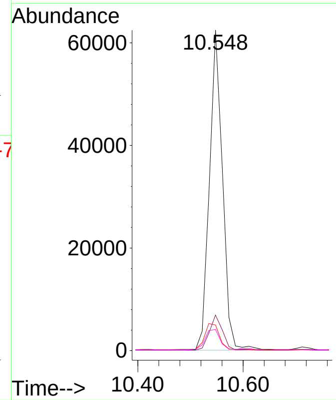
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.548 min Scan# 7

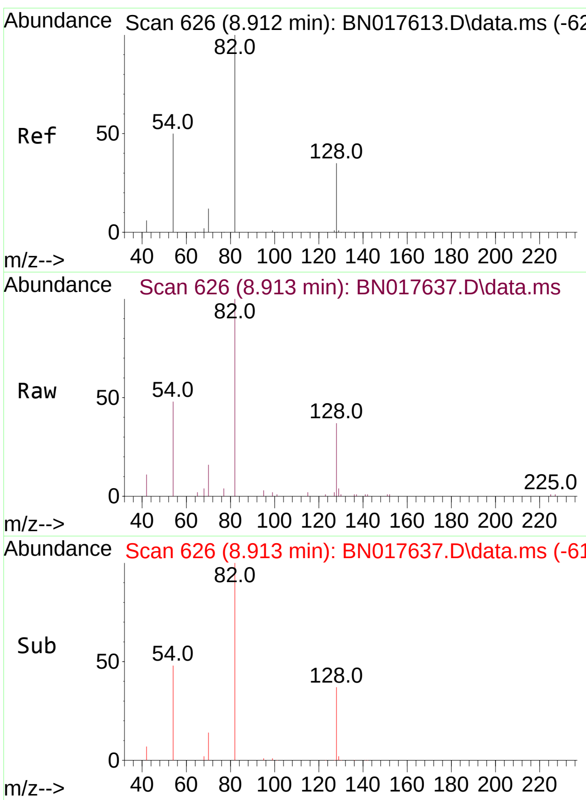
Instrument :
BNA_N
ClientSampleId :
CS-8

Delta R.T. 0.001 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:136 Resp: 107670

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	4.0	6.0#
68	6.6	3.0	4.6#

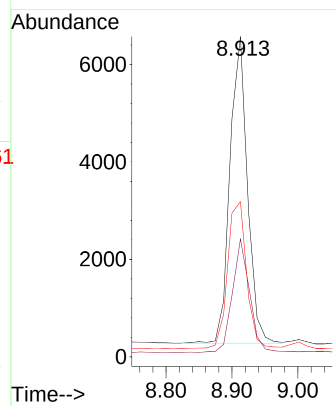


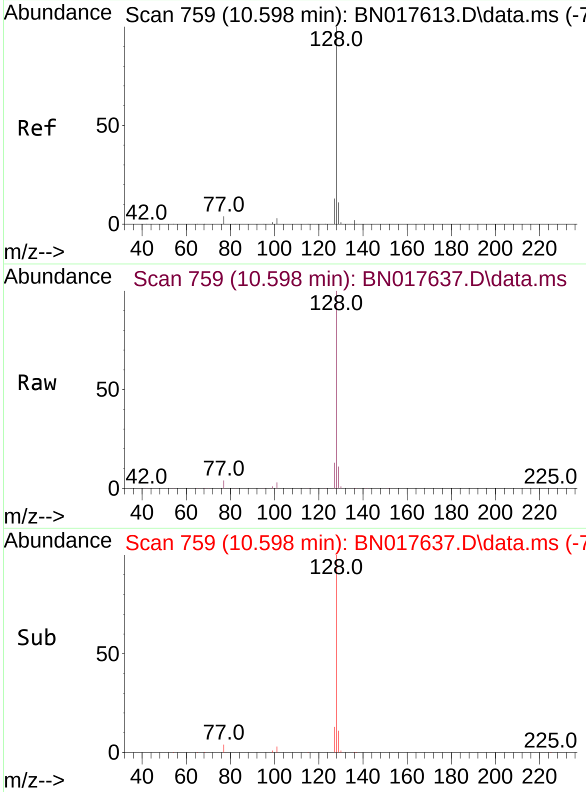


#8
Nitrobenzene-d5
Concen: 0.253 ng
RT: 8.913 min Scan# 626
Delta R.T. 0.001 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion: 82 Resp: 11561

Ion	Ratio	Lower	Upper
82	100		
128	36.8	27.7	41.5
54	48.5	49.2	73.8#





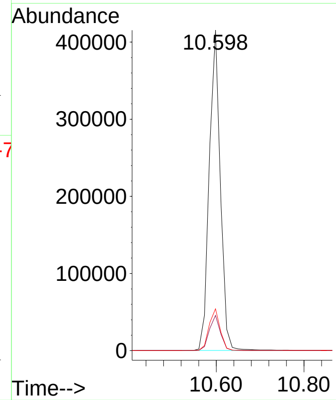
#9
Naphthalene
Concen: 2.687 ng
RT: 10.598 min Scan# 7

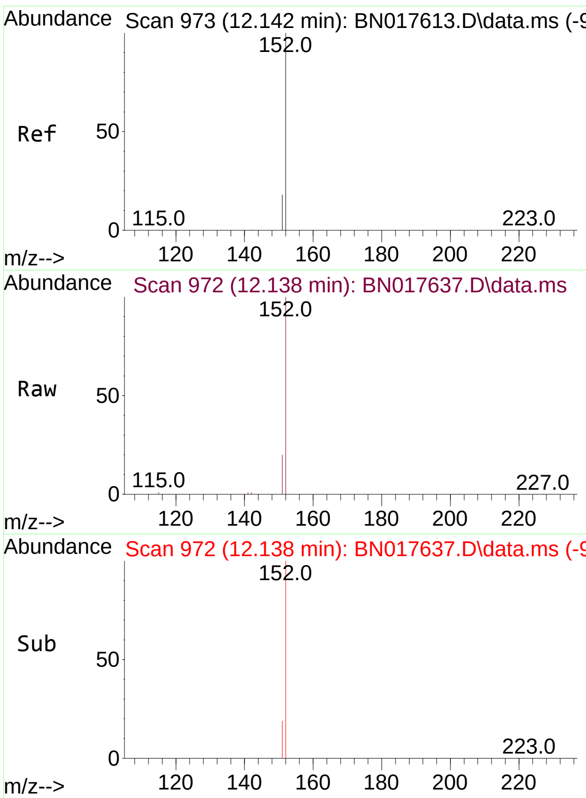
Instrument :
BNA_N
ClientSampleId :
CS-8

Delta R.T. 0.000 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:128 Resp: 729728

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.6	15.8

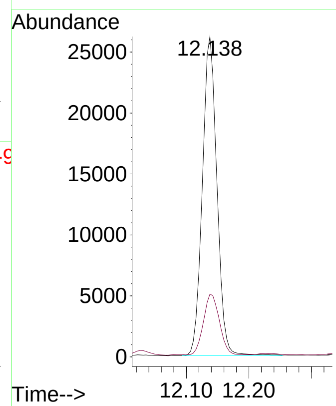


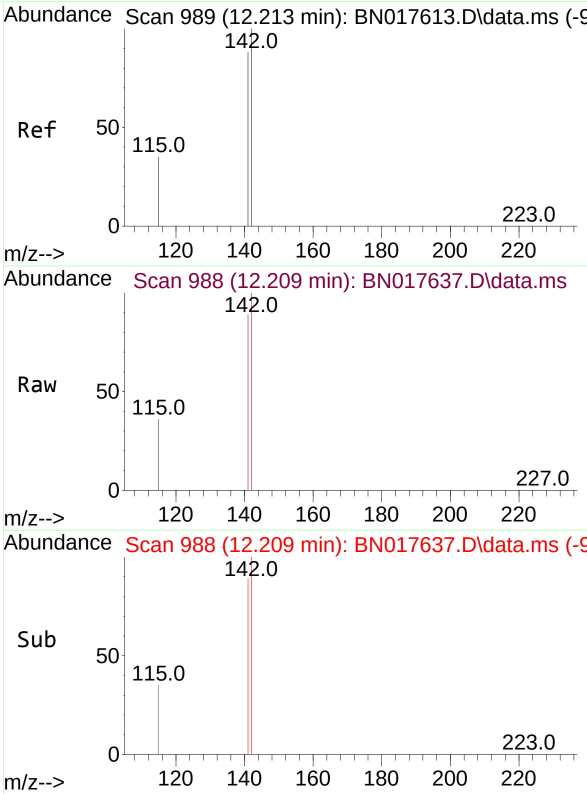


#11
2-Methylnaphthalene-d10
Concen: 0.225 ng
RT: 12.138 min Scan# 972
Delta R.T. -0.004 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:152 Resp: 42304

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4



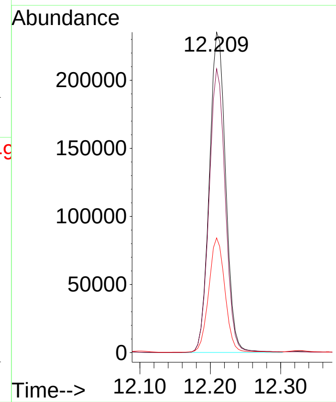


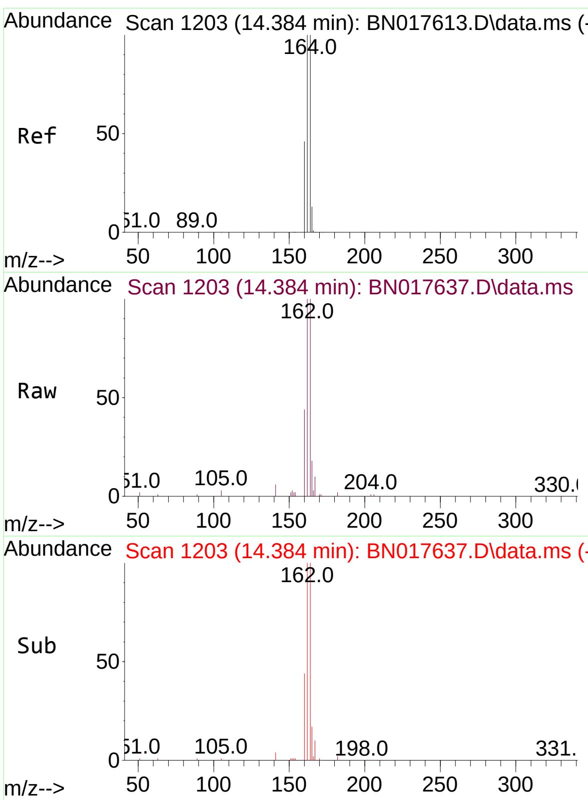
#12
2-Methylnaphthalene
Concen: 2.127 ng
RT: 12.209 min Scan# 9
Delta R.T. -0.004 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Instrument :
BNA_N
ClientSampleId :
CS-8

Tgt Ion:142 Resp: 381117

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.6	106.0
115	35.8	25.8	38.6

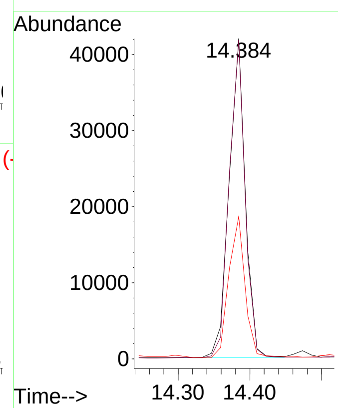


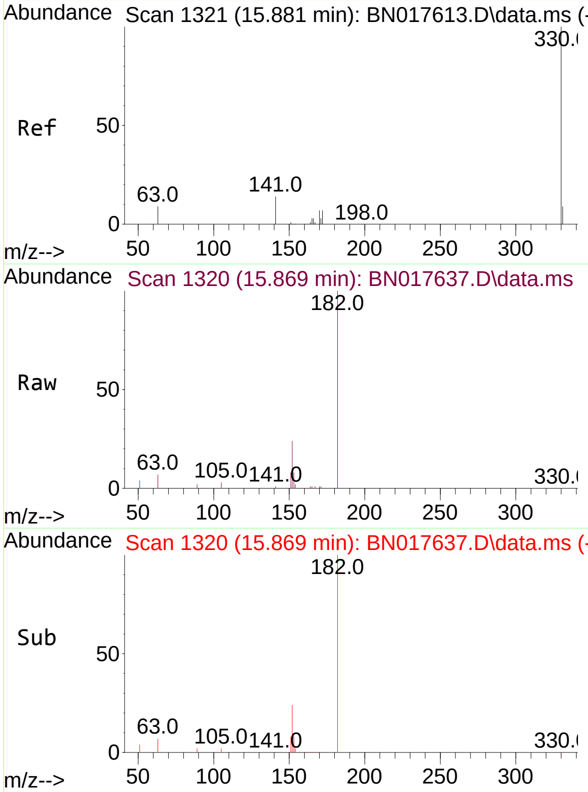


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.384 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:164 Resp: 65674

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.4	122.2
160	44.4	36.8	55.2



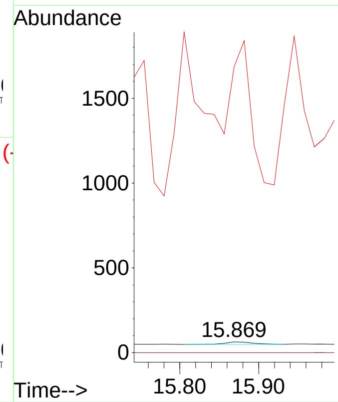


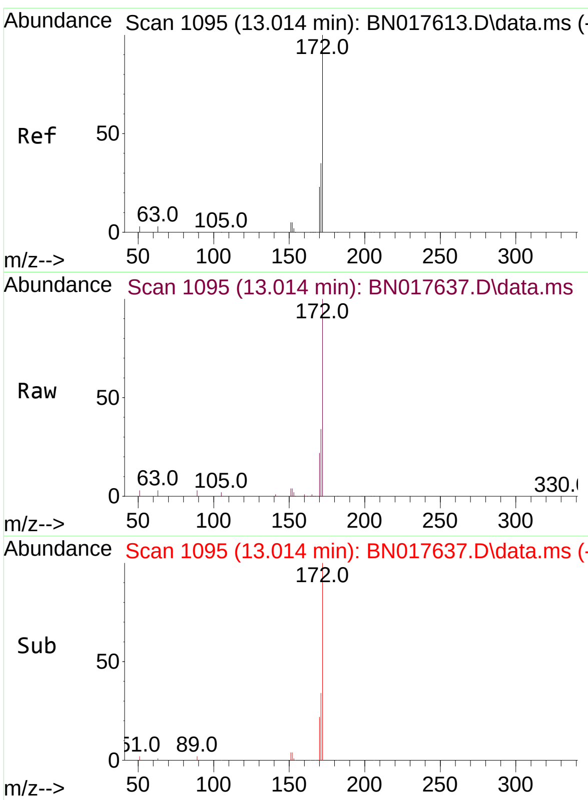
#14
2,4,6-Tribromophenol
Concen: 0.126 ng
RT: 15.869 min Scan# 1
Delta R.T.   -0.012 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Instrument :
BNA_N
ClientSampleId :
CS-8

Tgt Ion:330 Resp: 41

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	3324.4	28.9	43.3#

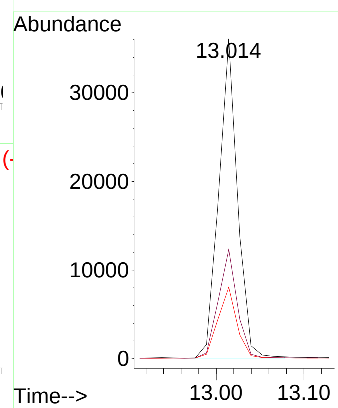


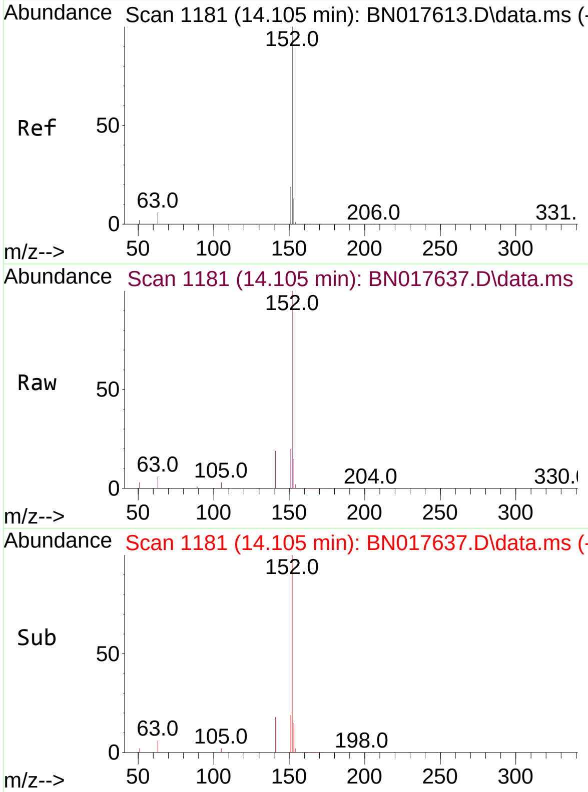


#15
2-Fluorobiphenyl
Concen: 0.209 ng
RT: 13.014 min Scan# 1095
Delta R.T.   0.000 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:172 Resp: 53501

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.7	43.1
170	22.4	19.4	29.2





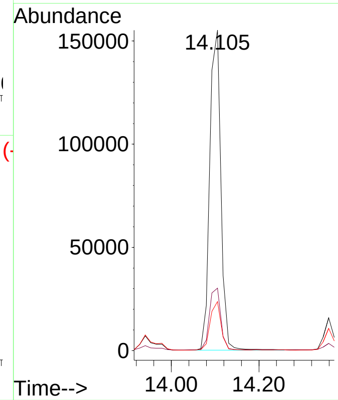
#16
Acenaphthylene
Concen: 1.062 ng
RT: 14.105 min Scan# 1

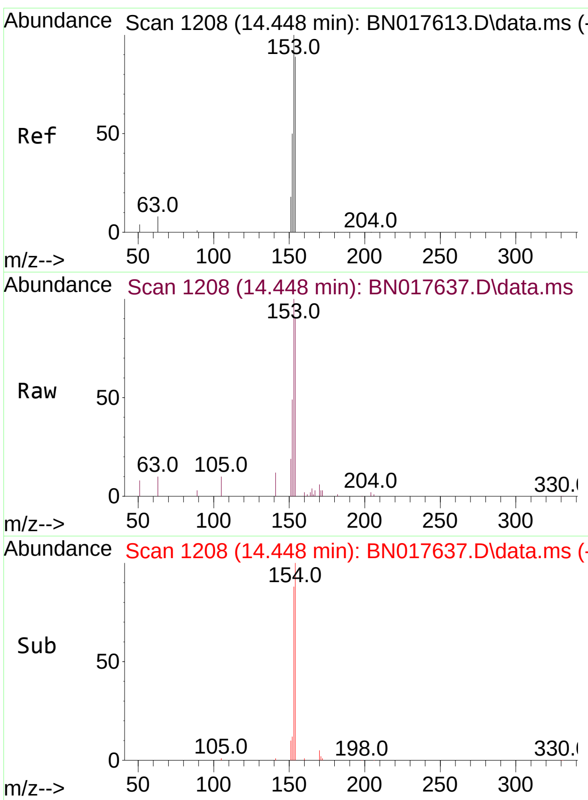
Instrument :
BNA_N
ClientSampleId :
CS-8

Delta R.T. 0.000 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:152 Resp: 272008

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	15.0	10.4	15.6

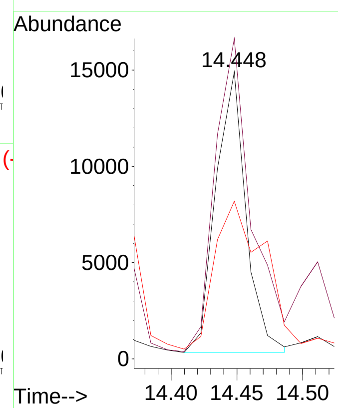


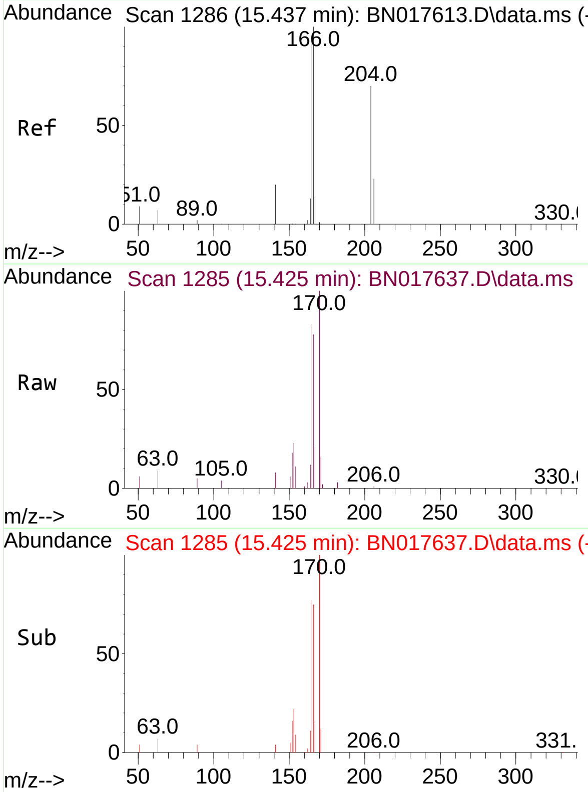


#17
Acenaphthene
Concen: 0.131 ng
RT: 14.448 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:154 Resp: 23234

Ion	Ratio	Lower	Upper
154	100		
153	135.2	91.2	136.8
152	91.5	44.3	66.5#



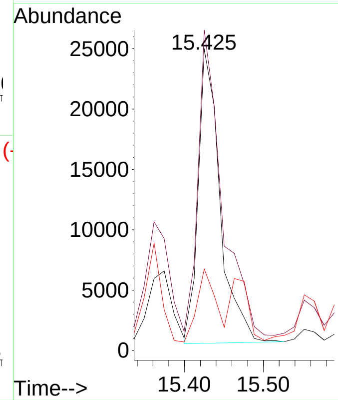


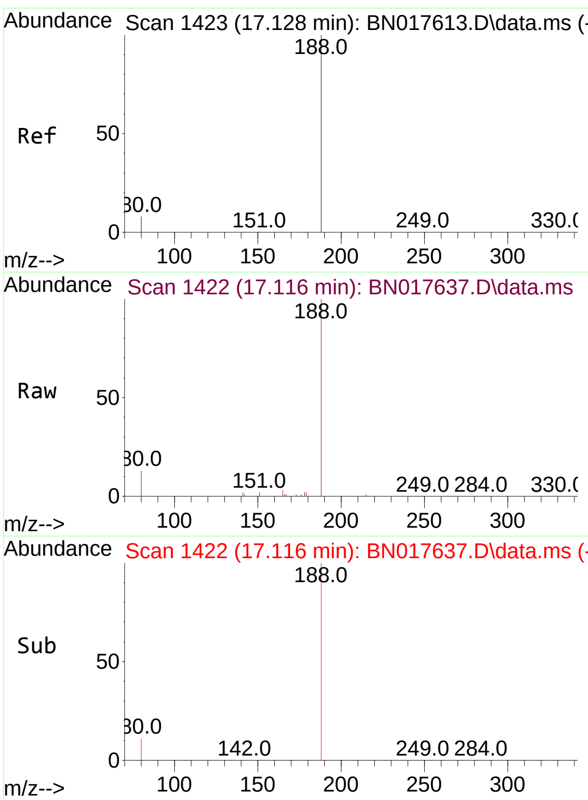
#18
Fluorene
Concen: 0.218 ng
RT: 15.425 min Scan# 1
Delta R.T.   -0.012 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Instrument :
BNA_N
ClientSampleId :
CS-8

Tgt Ion:166 Resp: 46872

Ion	Ratio	Lower	Upper
166	100		
165	112.9	77.9	116.9
167	21.4	10.9	16.3#

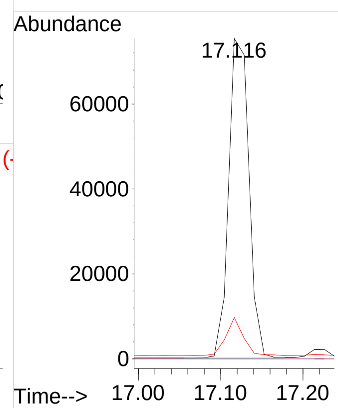


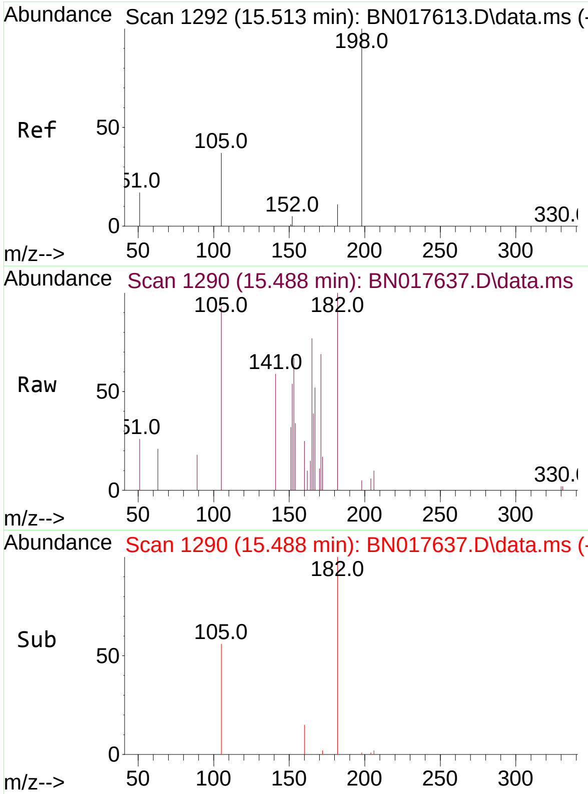


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T.   -0.012 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:188 Resp: 129031

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	6.1	9.1#





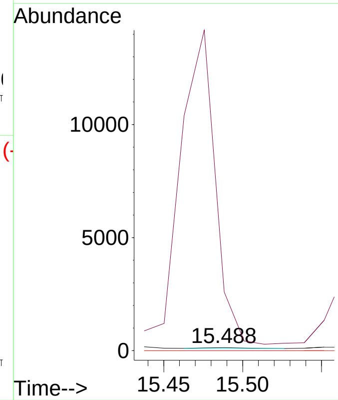
#20
4,6-Dinitro-2-methylphenol
Concen: 0.071 ng
RT: 15.488 min Scan# 1

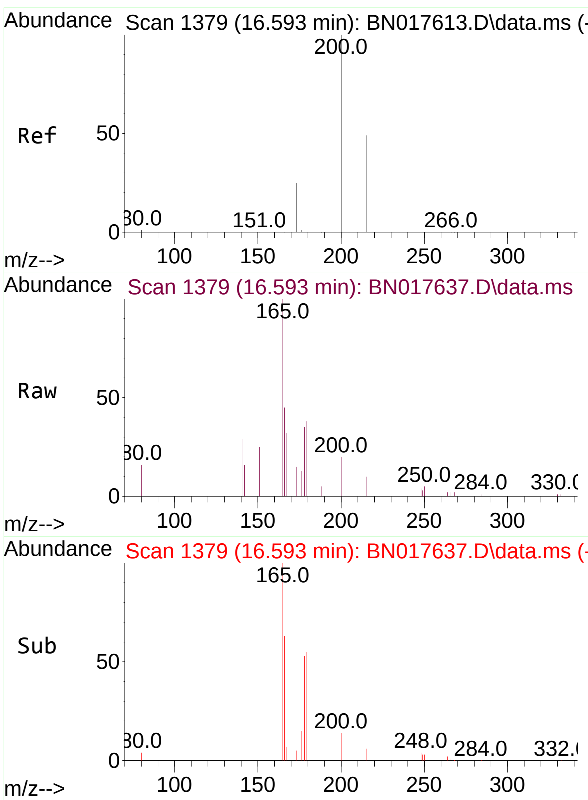
Instrument :
BNA_N
ClientSampleId :
CS-8

Delta R.T. -0.025 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:198 Resp: 82

Ion	Ratio	Lower	Upper
198	100		
182	1950.4	11.4	17.2#
77	0.0	0.0	0.0

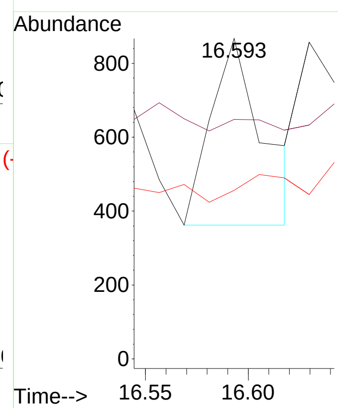


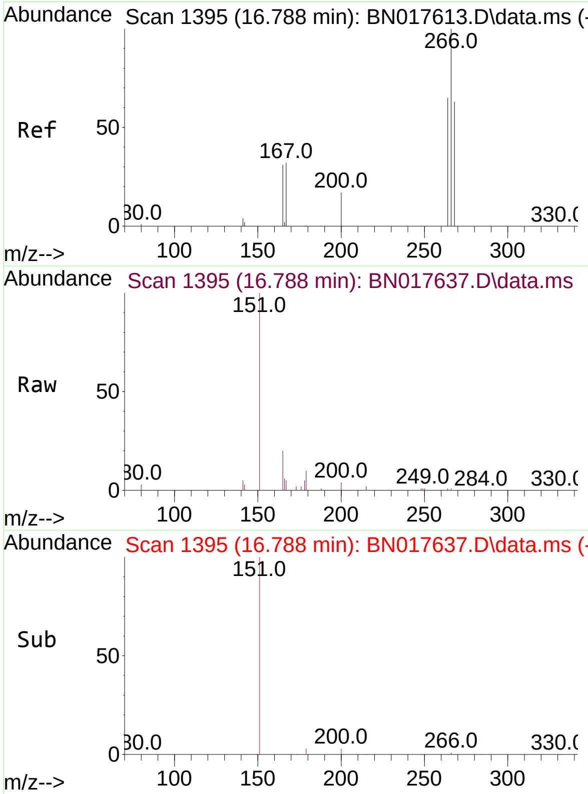


#23
Atrazine
Concen: 0.145 ng
RT: 16.593 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:200 Resp: 897

Ion	Ratio	Lower	Upper
200	100		
173	74.7	17.6	26.4#
215	52.6	40.2	60.4



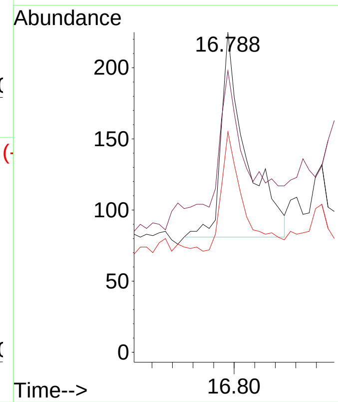


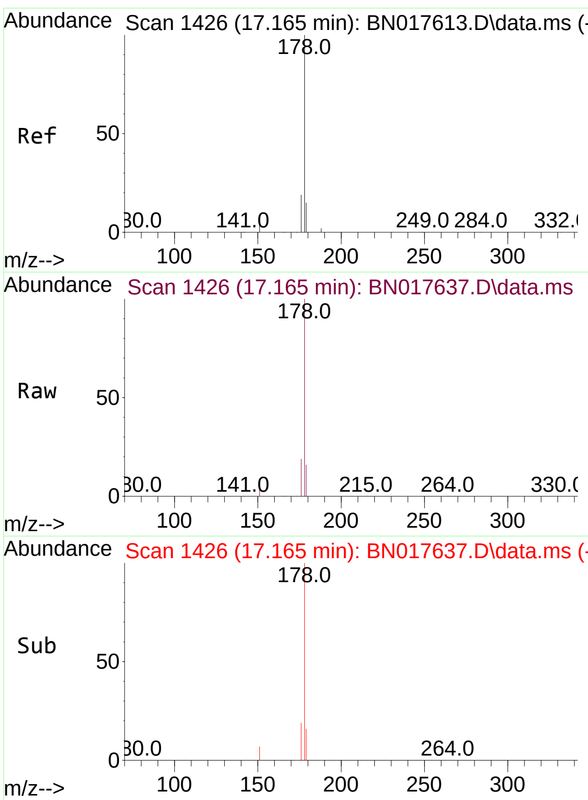
#24
Pentachlorophenol
Concen: 0.203 ng
RT: 16.788 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Instrument :
BNA_N
ClientSampleId :
CS-8

Tgt Ion:266 Resp: 488

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.8	74.8
268	51.0	51.3	76.9#

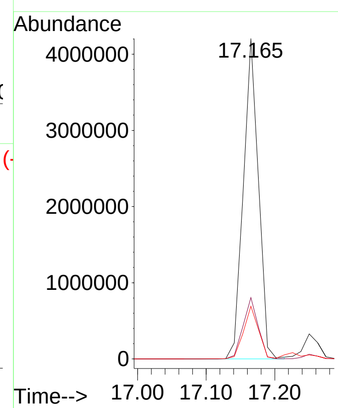


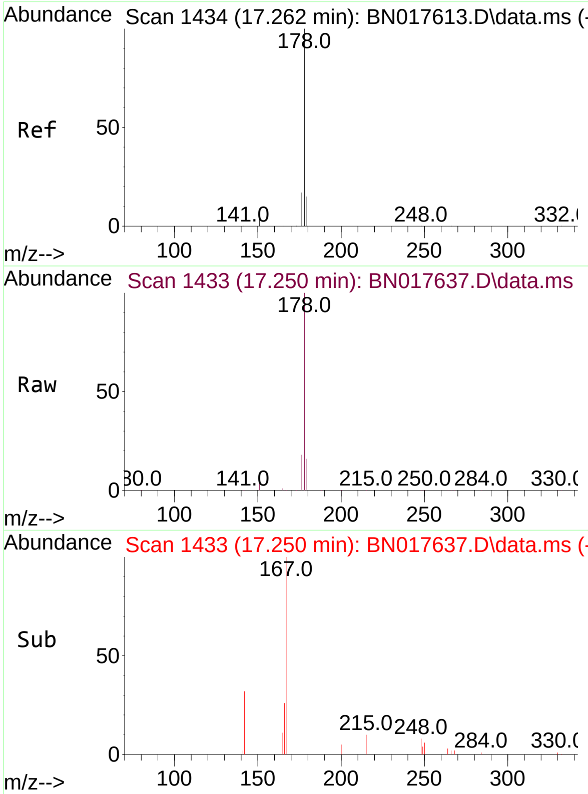


#25
Phenanthrene
Concen: 18.267 ng
RT: 17.165 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:178 Resp: 6464375

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	16.2	12.3	18.5



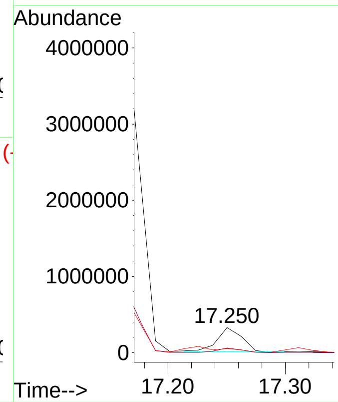


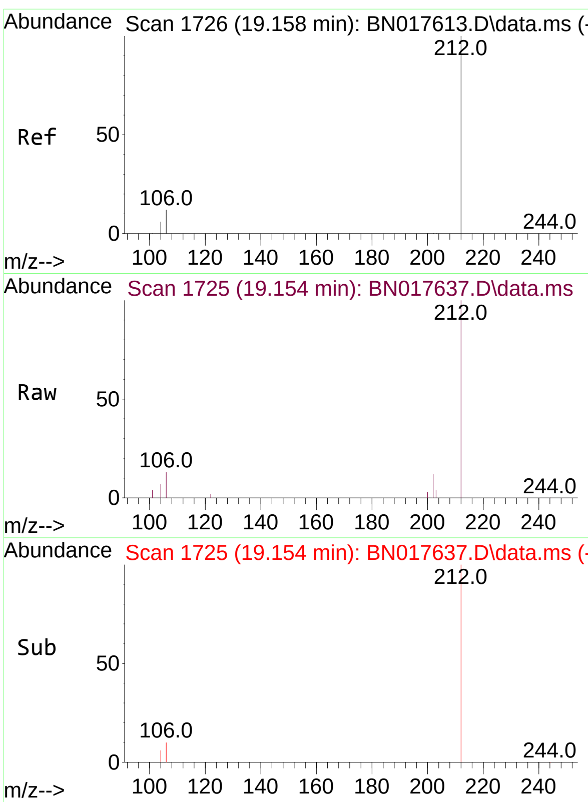
#26
Anthracene
Concen: 1.521 ng
RT: 17.250 min Scan# 14
Delta R.T. -0.012 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Instrument :
BNA_N
ClientSampleId :
CS-8

Tgt Ion:178 Resp: 462553

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	0.0	12.2	18.4#

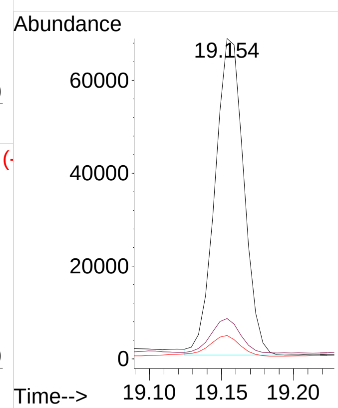


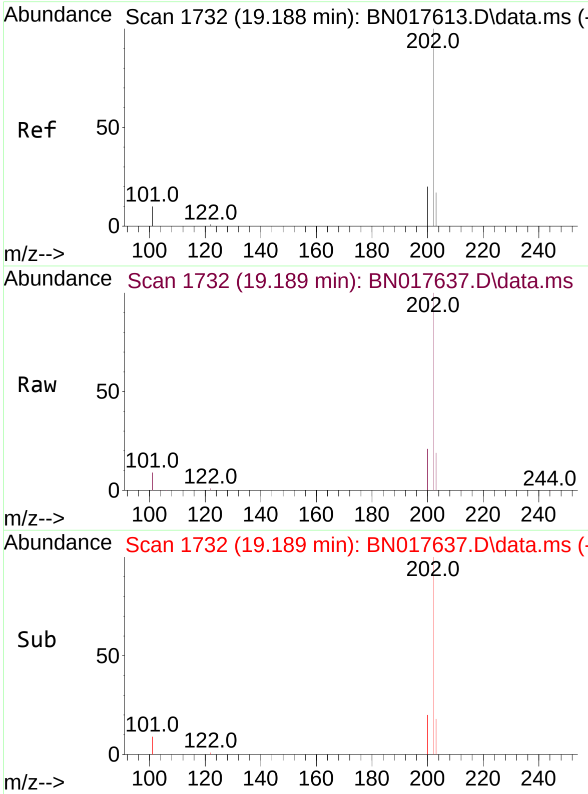


#27
Fluoranthene-d10
Concen: 0.235 ng
RT: 19.154 min Scan# 1725
Delta R.T. -0.004 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:212 Resp: 94746

Ion	Ratio	Lower	Upper
212	100		
106	10.9	10.5	15.7
104	7.5	5.8	8.6



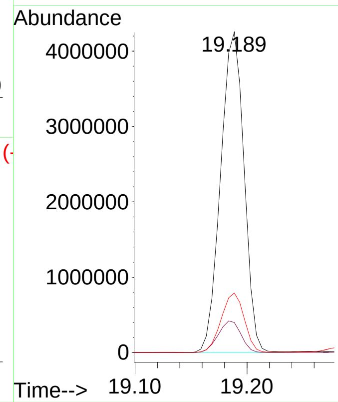


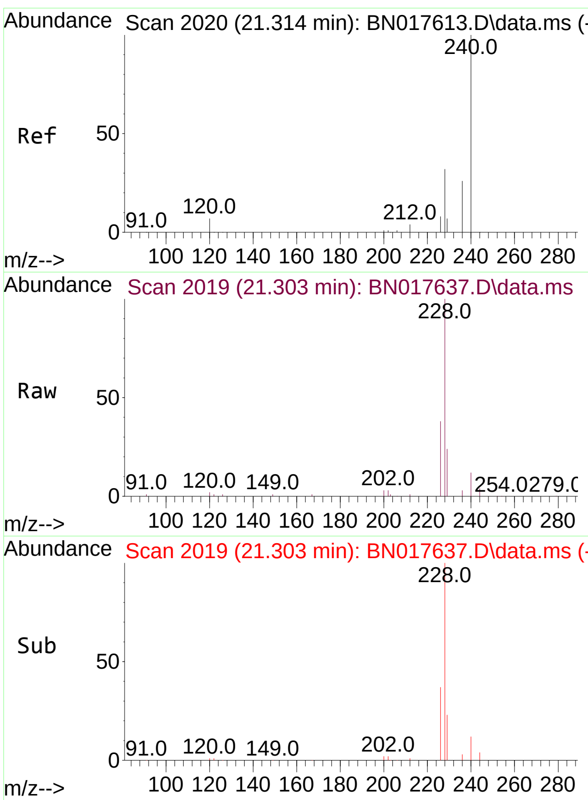
#28
Fluoranthene
Concen: 15.444 ng
RT: 19.189 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Instrument :
BNA_N
ClientSampleId :
CS-8

Tgt Ion:202 Resp: 6185301

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.9	13.3
203	18.2	13.8	20.6

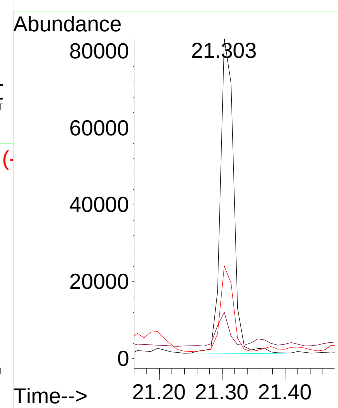


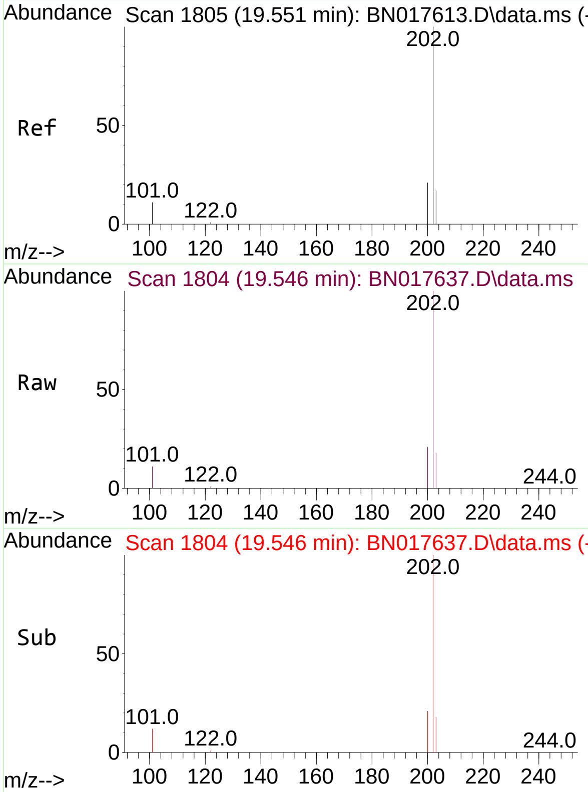


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:240 Resp: 120841

Ion	Ratio	Lower	Upper
240	100		
120	14.5	4.2	6.2#
236	28.9	20.0	30.0



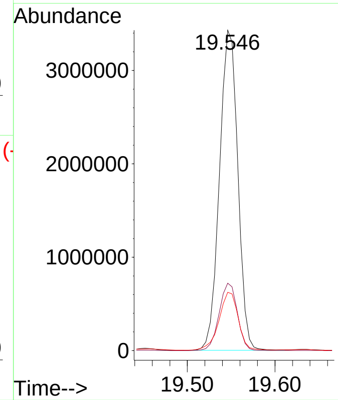


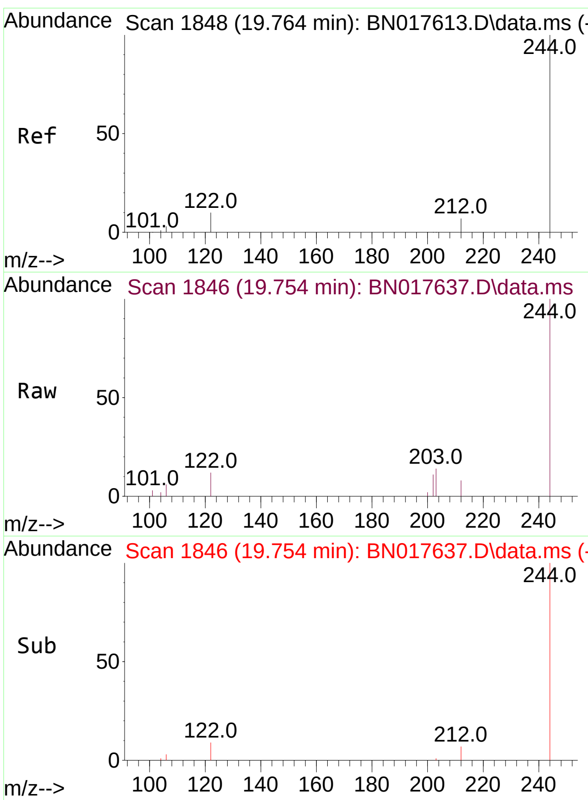
#30
Pyrene
Concen: 12.777 ng
RT: 19.546 min Scan# 1
Delta R.T.   -0.005 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Instrument :
BNA_N
ClientSampleId :
CS-8

Tgt Ion:202 Resp: 4983956

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.5	24.7
203	19.0	14.0	21.0

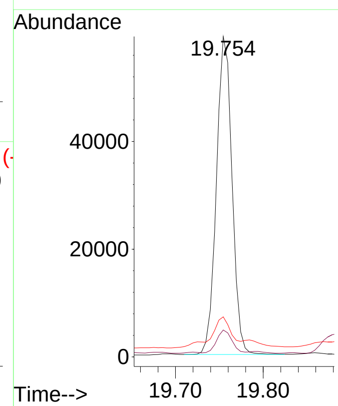


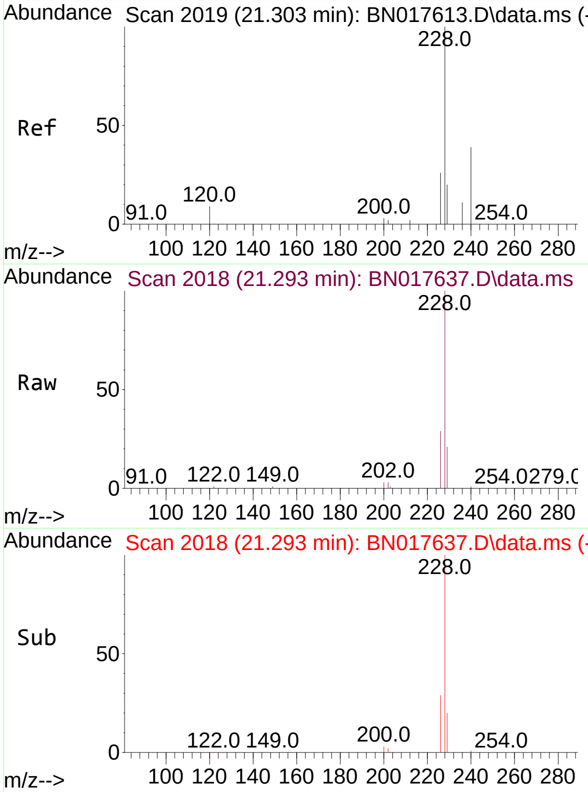


#31
Terphenyl-d14
Concen: 0.276 ng
RT: 19.754 min Scan# 1846
Delta R.T.   -0.010 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:244 Resp: 73209

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.7	8.5
122	12.5	8.6	13.0



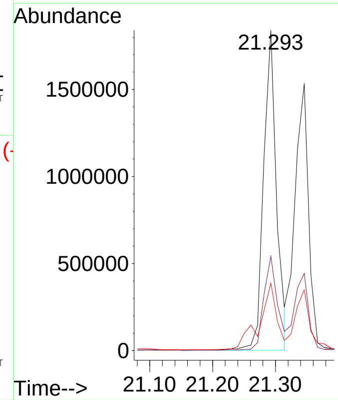


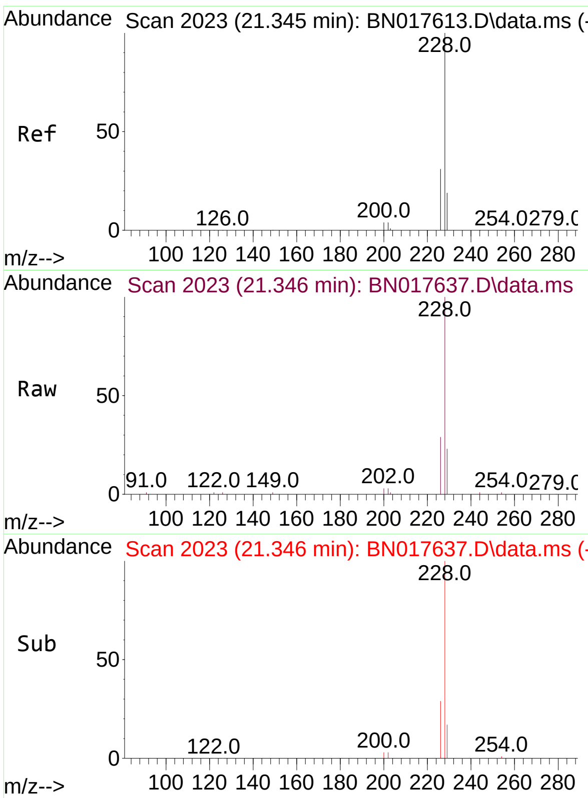
#32
Benzo(a)anthracene
Concen: 7.152 ng
RT: 21.293 min Scan# 2(
Delta R.T. -0.010 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Instrument :
BNA_N
ClientSampleId :
CS-8

Tgt Ion:228 Resp: 2625058

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.3	31.9
229	21.0	15.7	23.5

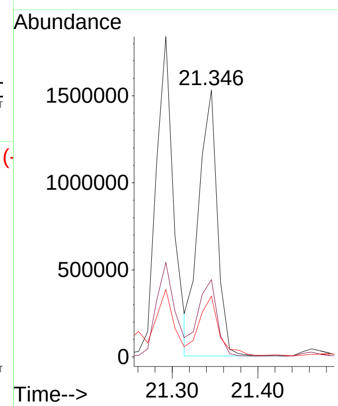


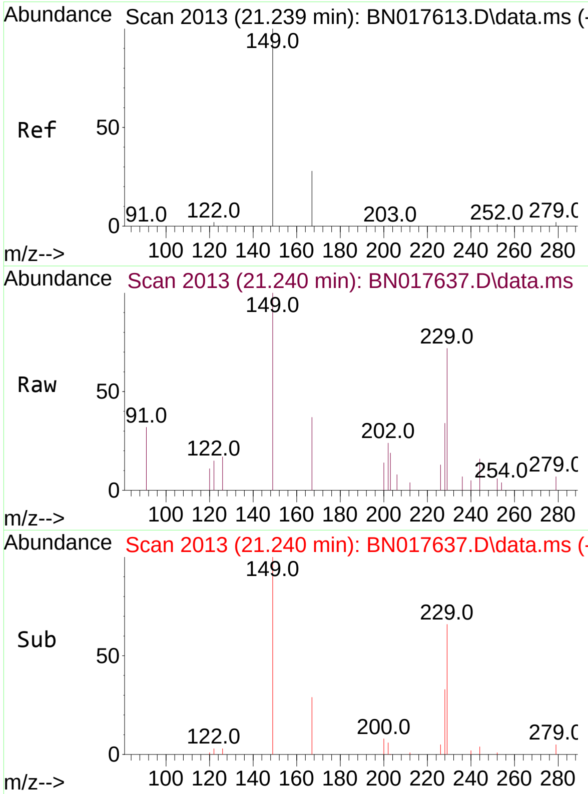


#33
Chrysene
Concen: 5.749 ng
RT: 21.346 min Scan# 2023
Delta R.T. 0.001 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:228 Resp: 2295368

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.3	34.9
229	22.7	15.6	23.4



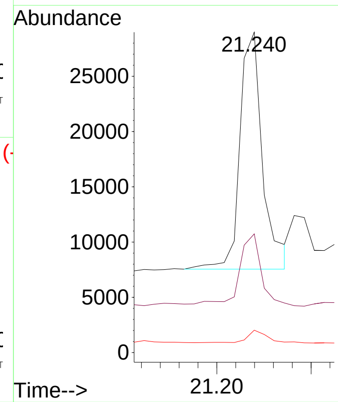


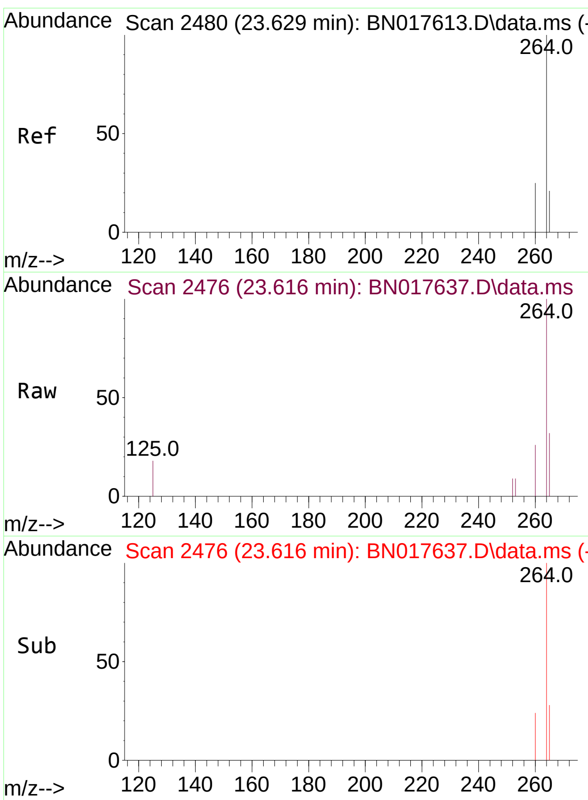
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.411 ng
RT: 21.240 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Instrument :
BNA_N
ClientSampleId :
CS-8

Tgt Ion:149 Resp: 35773

Ion	Ratio	Lower	Upper
149	100		
167	29.3	21.8	32.6
279	4.3	3.4	5.0

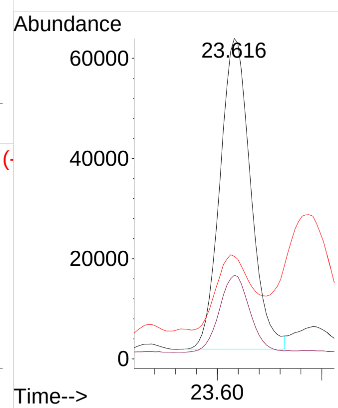


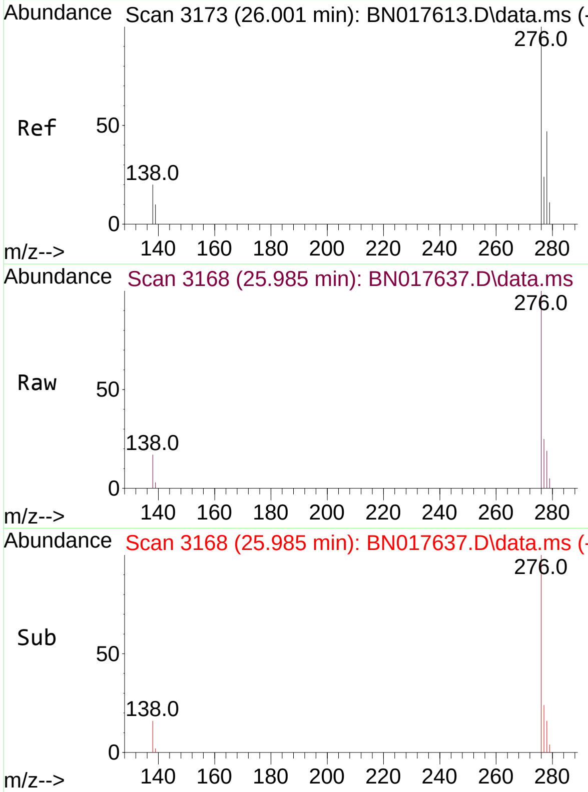


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.616 min Scan# 2476
Delta R.T. -0.013 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:264 Resp: 126169

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.4	29.2
265	32.0	18.6	28.0#



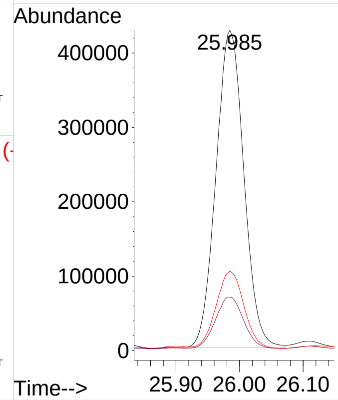


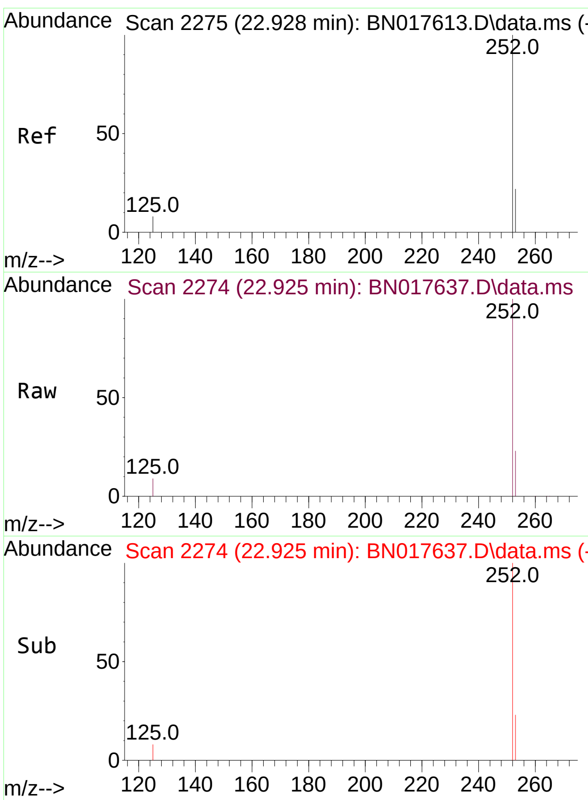
#36
Indeno(1,2,3-cd)pyrene
Concen: 3.168 ng
RT: 25.985 min Scan# 3
Delta R.T. -0.017 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Instrument :
BNA_N
ClientSampleId :
CS-8

Tgt Ion:276 Resp: 1297726

Ion	Ratio	Lower	Upper
276	100		
138	16.3	19.7	29.5#
277	24.3	20.0	30.0

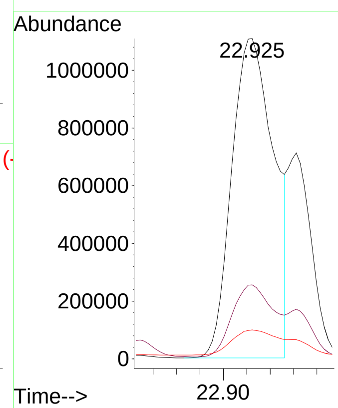


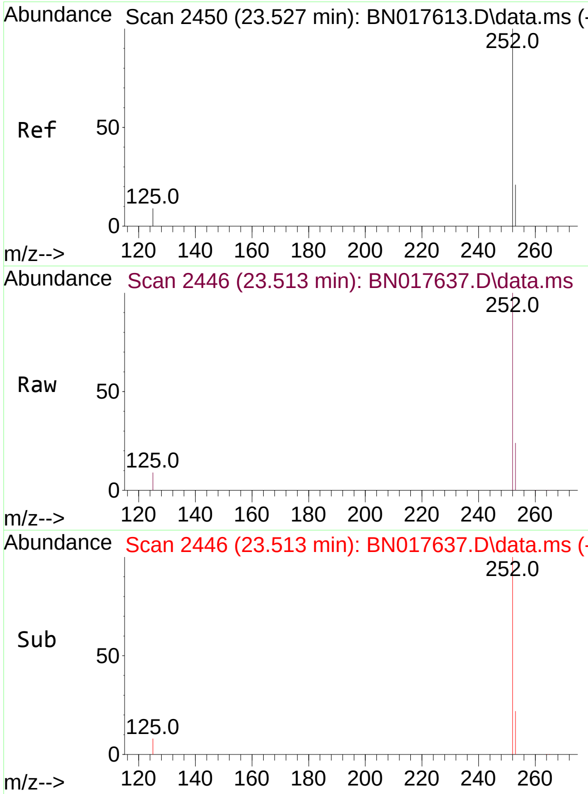


#37
Benzo(b)fluoranthene
Concen: 6.603 ng
RT: 22.925 min Scan# 2274
Delta R.T. -0.003 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:252 Resp: 2762460

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	9.0	7.8	11.8



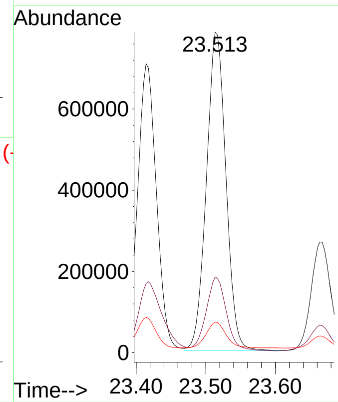


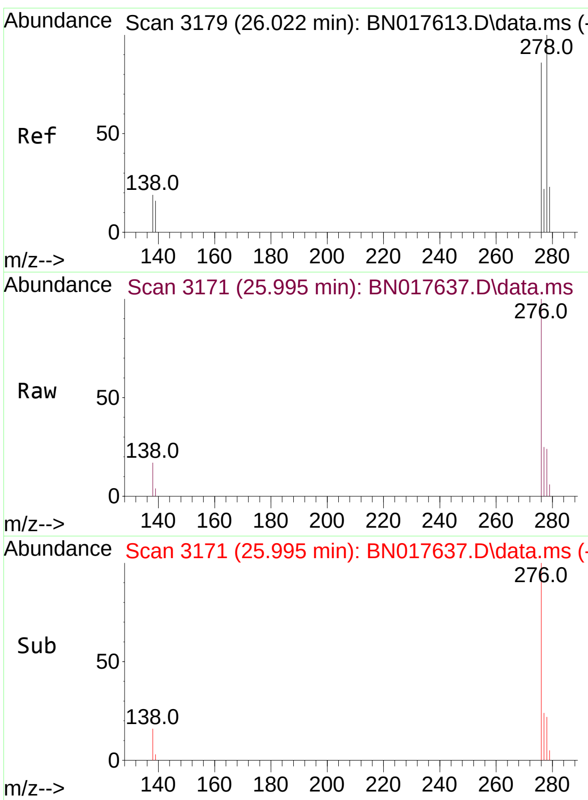
#39
Benzo(a)pyrene
Concen: 4.066 ng
RT: 23.513 min Scan# 24
Delta R.T. -0.013 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Instrument :
BNA_N
ClientSampleId :
CS-8

Tgt Ion:252 Resp: 1523036

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	9.5	9.2	13.8

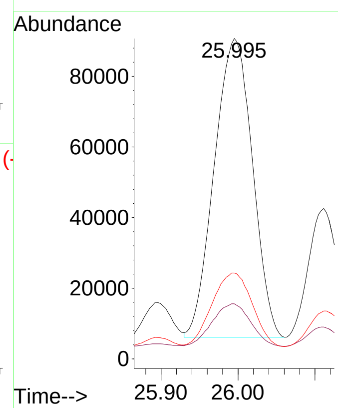


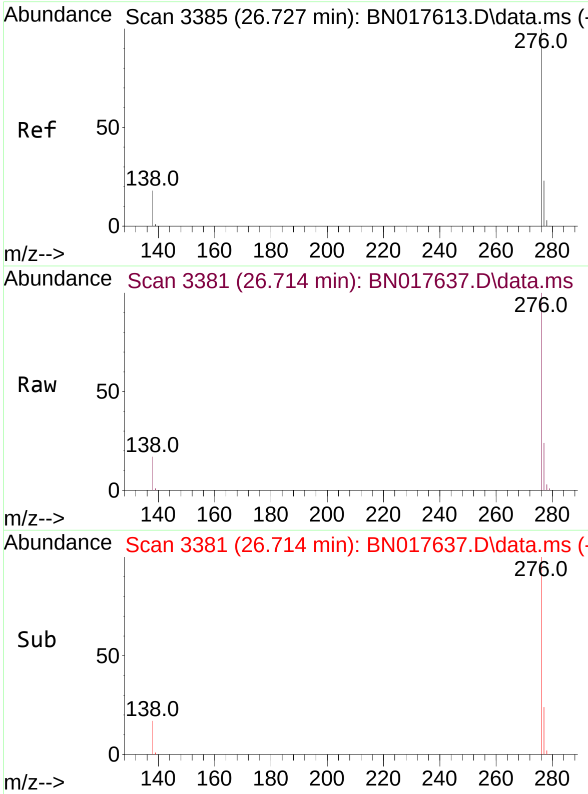


#40
Dibenzo(a,h)anthracene
Concen: 0.873 ng
RT: 25.995 min Scan# 3171
Delta R.T. -0.027 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Tgt Ion:278 Resp: 292401

Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.0	19.6
279	26.8	19.2	28.8





#41
Benzo(g,h,i)perylene
Concen: 3.404 ng
RT: 26.714 min Scan# 3
Delta R.T. -0.013 min
Lab File: BN017637.D
Acq: 01 Dec 2021 06:46

Instrument :
BNA_N
ClientSampleId :
CS-8

Tgt Ion:276 Resp: 1172344

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	17.2	17.1	25.7