Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
Data File : BN008715.D
Acq On : 22 Nov 2019 21:00
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Nov 25 10:31:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 10:21:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4509	0.40	ng		0.00
7) Naphthalene-d8	10.35	136	16189	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	9961	0.40	ng		0.00
19) Phenanthrene-d10	16.96	188	21689	0.40	ng		0.00
27) Chrysene-d12	21.16	240	21253	0.40	ng		0.00
34) Perylene-d12	23.33	264	21546	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	8940	0.76	ng		0.00
5) Phenol-d6	6.78	99	11176	0.75	ng		0.00
8) Nitrobenzene-d5	8.73	82	11133	0.77	ng		0.00
11) 2-Methylnaphthalene-d10	11.95	152	19560	0.77	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	3498	0.76	ng		0.00
15) 2-Fluorobiphenyl	12.84	172	29811	0.77	ng		0.00
25) Fluoranthene-d10	19.00	212	48474	0.76	ng		0.00
29) Terphenyl-d14	19.61	244	39505	0.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	3650	0.766	ng		98
3) n-Nitrosodimethylamine	3.52	42	4540	1.502	ng	#	100
6) bis(2-Chloroethyl)ether	7.03	93	10620	0.759	ng		99
9) Naphthalene	10.41	128	33197	0.768	ng		99
10) Hexachlorobutadiene	10.71	225	6933	0.774	ng	#	98
12) 2-Methylnaphthalene	12.02	142	23021	0.765	ng		99
16) Acenaphthylene	13.93	152	34615	0.755	ng		99
17) Acenaphthene	14.28	154	22769	0.754	ng		99
18) Fluorene	15.27	166	29735	0.769	ng		100
20) 4-Bromophenyl-phenylether	16.17	248	10106	0.746	ng		99
21) Hexachlorobenzene	16.28	284	11211	0.752	ng		100
22) Pentachlorophenol	16.62	266	3760	0.704	ng		98
23) Phenanthrene	17.01	178	50677	0.758	ng		100
24) Anthracene	17.09	178	44531	0.745	ng		99
26) Fluoranthene	19.03	202	60000	0.764	ng		99
28) Pyrene	19.39	202	59765	0.762	ng		100
30) Benzo(a)anthracene	21.14	228	58737	0.755	ng		96
31) Chrysene	21.20	228	57290	0.761	ng		99
32) Bis(2-ethylhexyl)phthalate	21.11	149	34152	0.676	ng		100
33) Indeno(1,2,3-cd)pyrene	25.46	276	63677	0.759	ng		99
35) Benzo(b)fluoranthene	22.73	252	57137	0.767	ng		97
36) Benzo(k)fluoranthene	22.73	252	57137	0.757	ng	#	90
37) Benzo(a)pyrene	23.24	252	52215	0.757	ng	#	93
38) Dibenzo(a,h)anthracene	25.47	278	51664	0.759	ng		97
39) Benzo(g,h,i)perylene	26.10	276	51681	0.761	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
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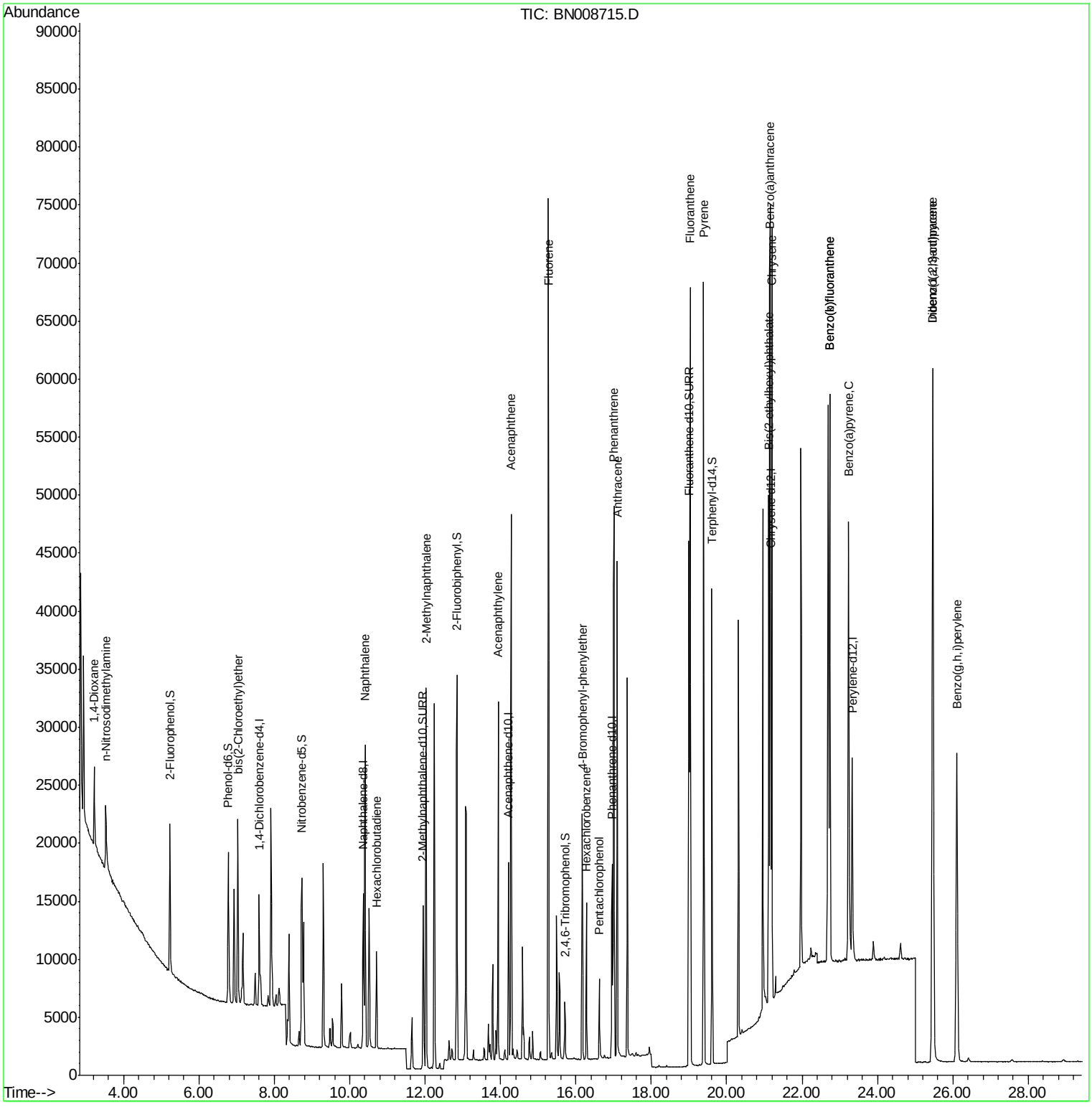
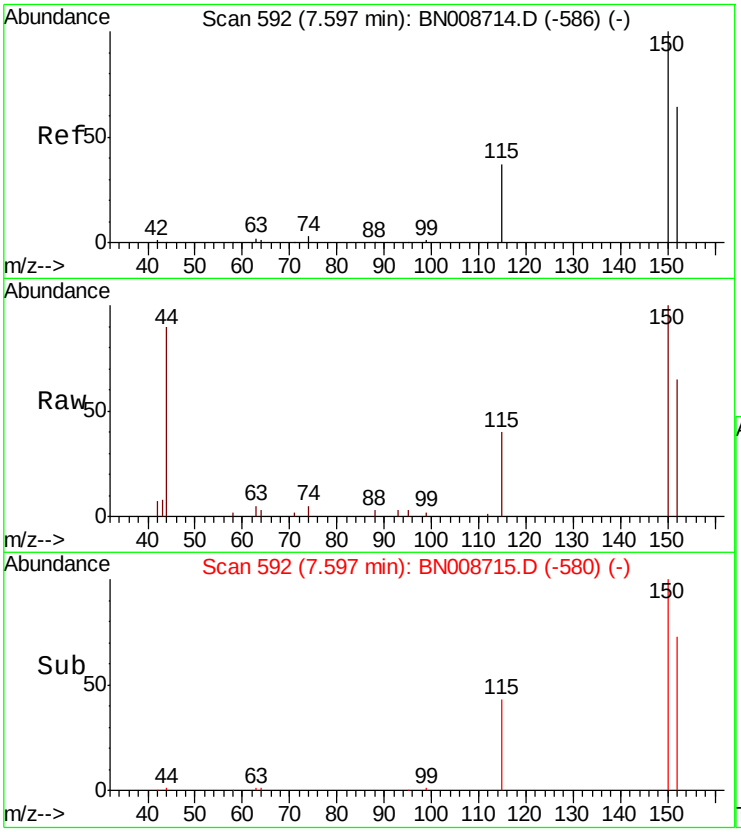
Acq On : 22 Nov 2019 21:00
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 25 10:31:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 10:21:24 2019
Response via : Initial Calibration



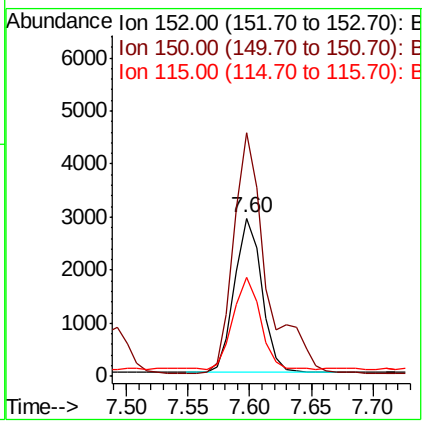


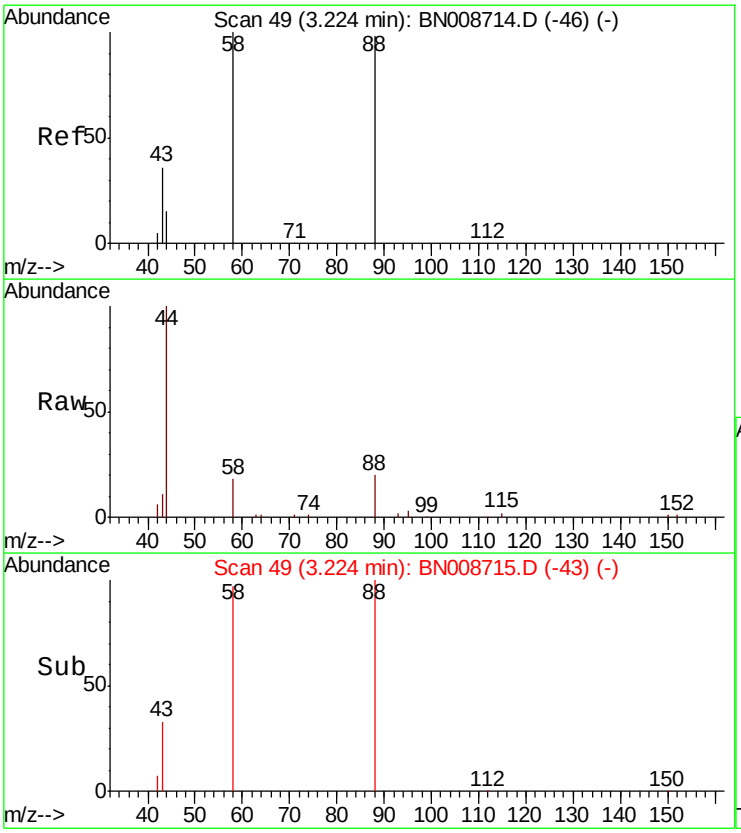
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4509

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.0	186.0
115	62.2	49.8	74.8

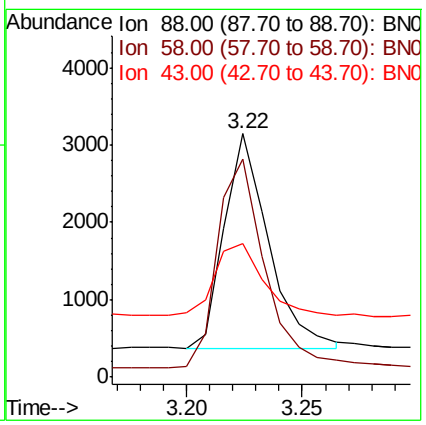


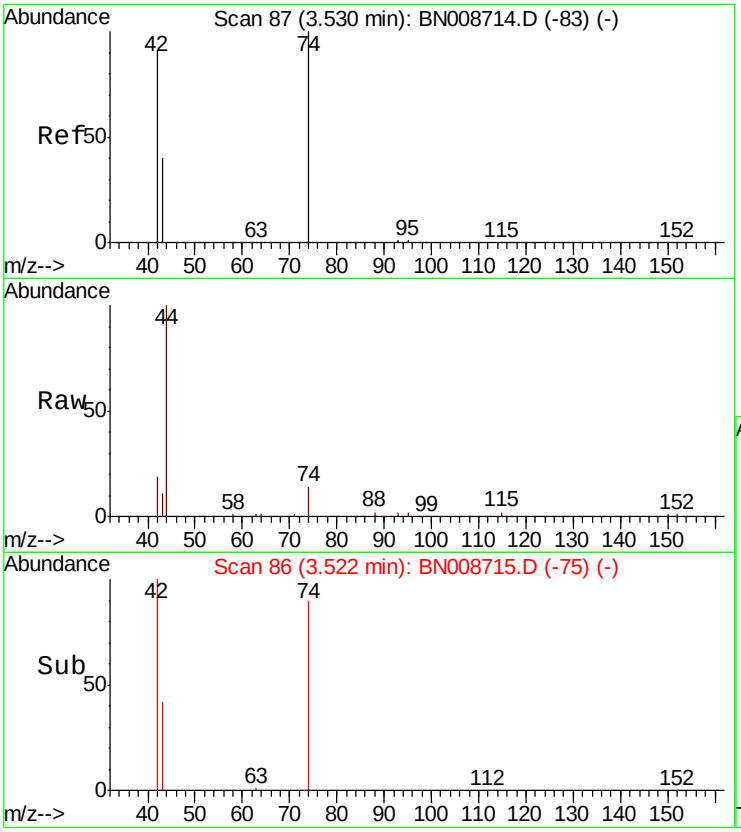


#2
1,4-Dioxane
Concen: 0.766 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion: 88 Resp: 3650

Ion	Ratio	Lower	Upper
88	100		
58	103.9	85.7	128.5
43	37.2	29.5	44.3

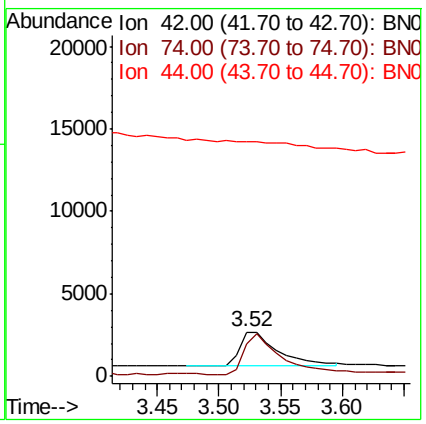




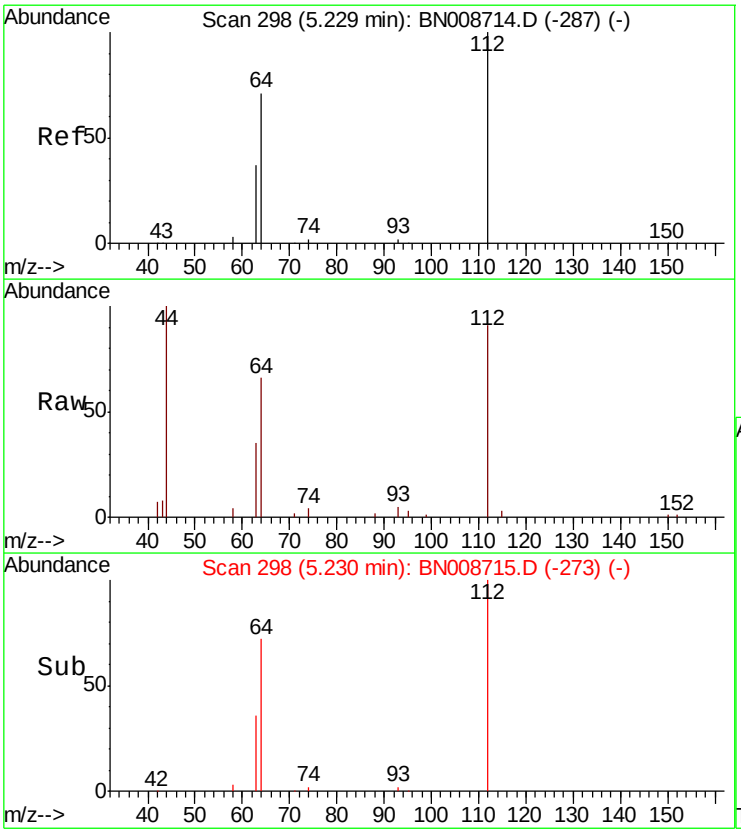
#3
n-Nitrosodimethylamine
Concen: 1.502 ng
RT: 3.52 min Scan# 86
Delta R.T. -0.01 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion: 42 Resp: 4540

Ion	Ratio	Lower	Upper
42	100		
74	109.9	88.0	132.0
44	0.0	0.0	0.0



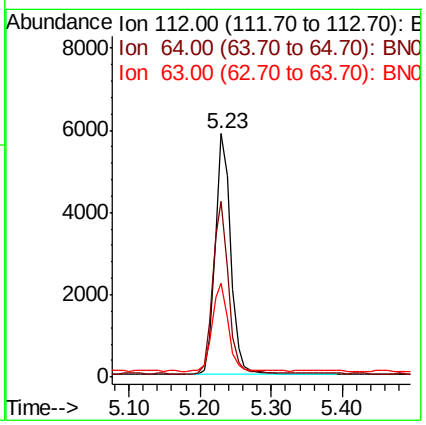
Instrument :
BNA_N
ClientSampleId :

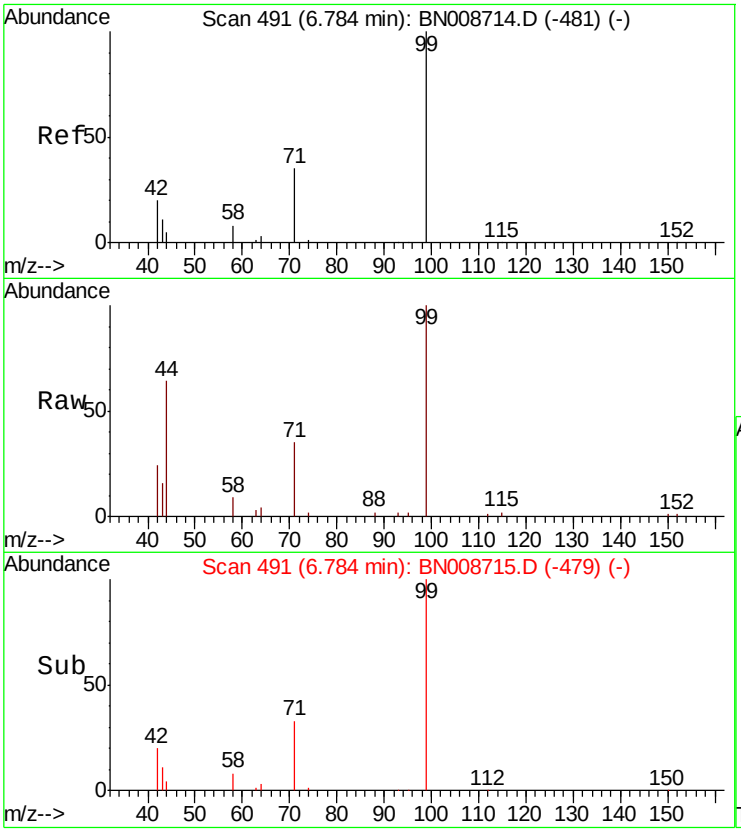


#4
2-Fluorophenol
Concen: 0.757 ng
RT: 5.23 min Scan# 298
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:112 Resp: 8940

Ion	Ratio	Lower	Upper
112	100		
64	70.9	57.1	85.7
63	36.7	29.7	44.5



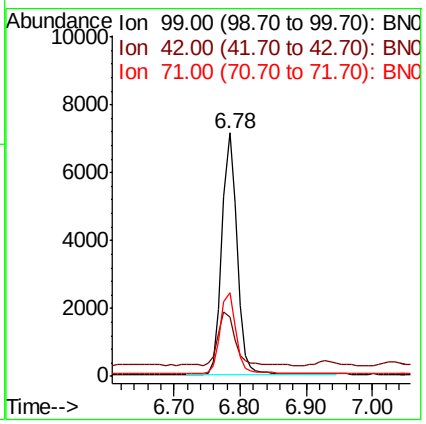


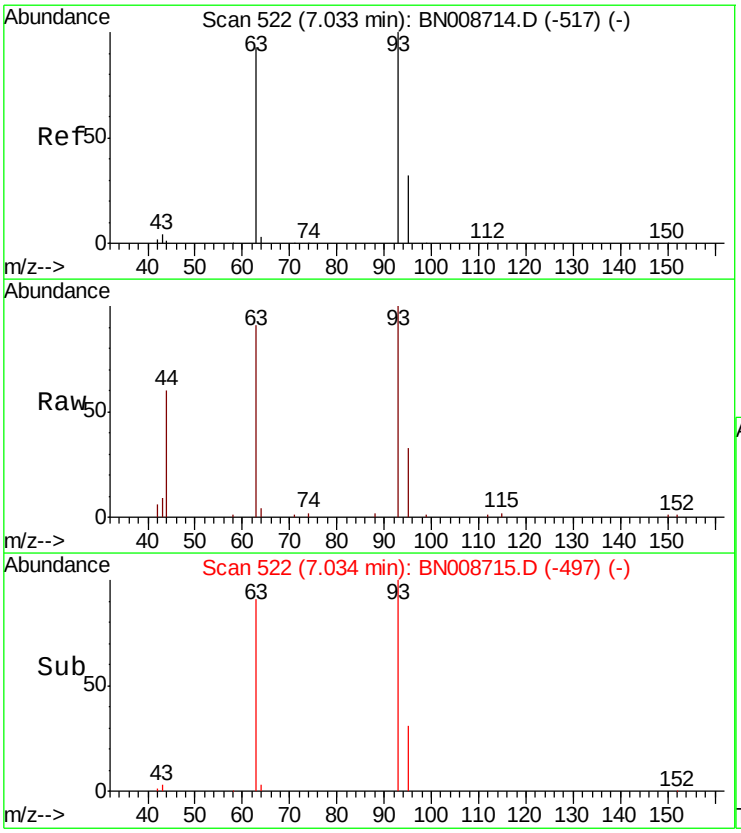
#5
Phenol-d6
Concen: 0.749 ng
RT: 6.78 min Scan# 491
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 11176

Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.4	29.2
71	34.5	27.5	41.3

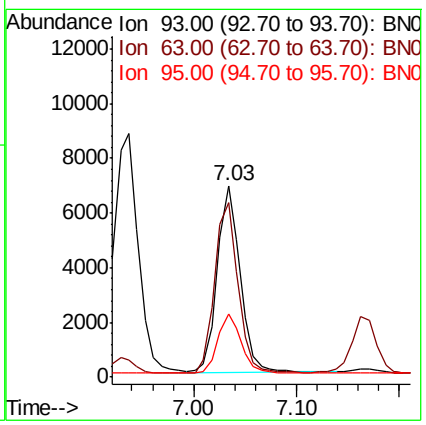


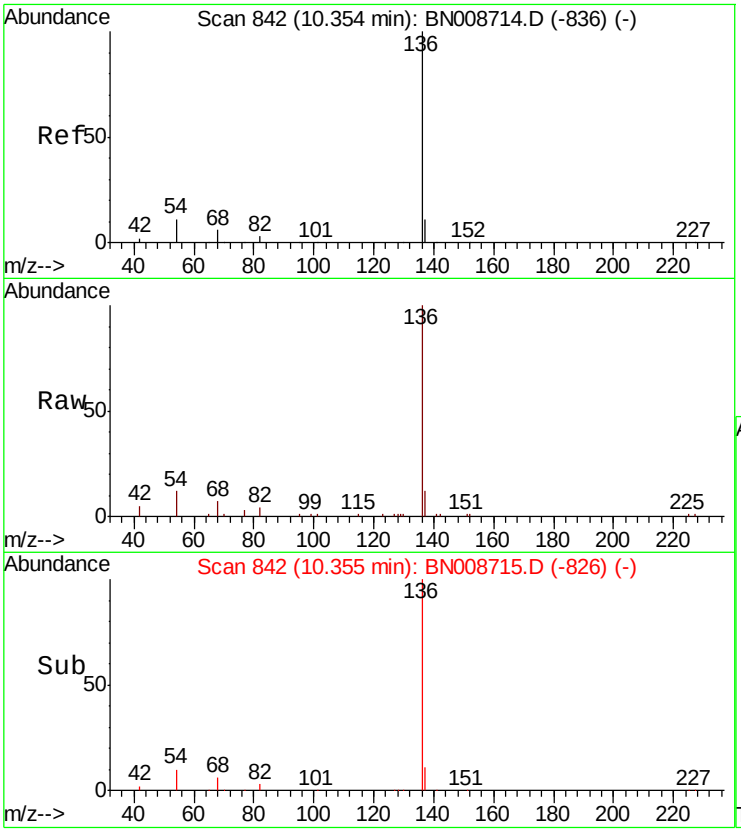


#6
bis(2-Chloroethyl)ether
Concen: 0.759 ng
RT: 7.03 min Scan# 522
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion: 93 Resp: 10620

Ion	Ratio	Lower	Upper
93	100		
63	93.7	74.2	111.4
95	32.5	26.2	39.2



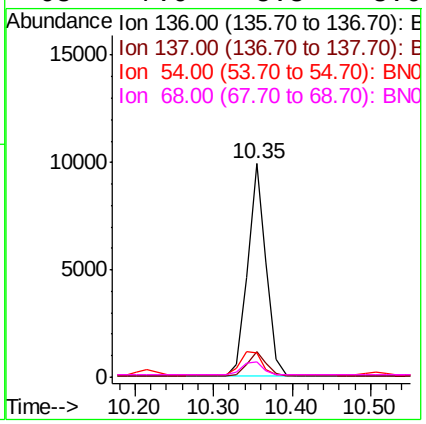


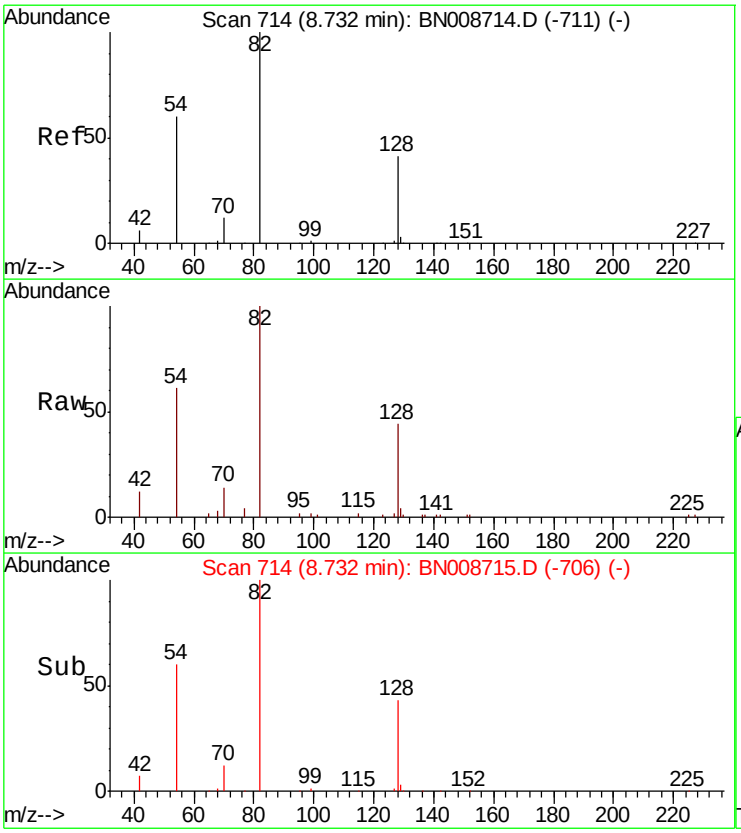
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.35 min Scan# 842
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 16189

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	11.6	9.4	14.2
68	7.0	5.8	8.6

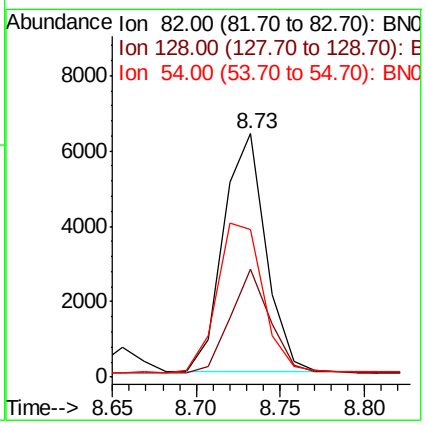


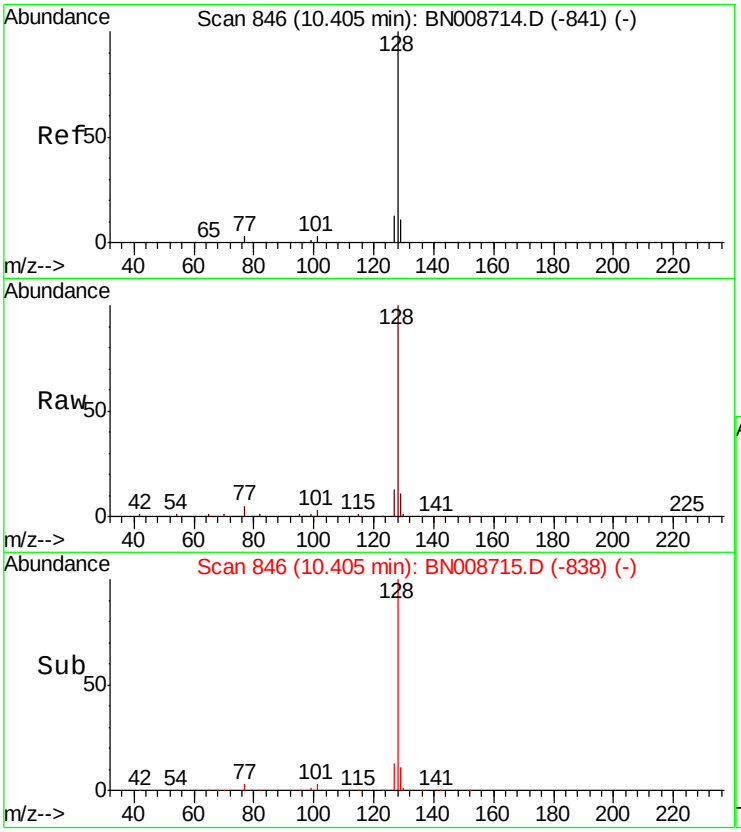


#8
Nitrobenzene-d5
Concen: 0.765 ng
RT: 8.73 min Scan# 714
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion: 82 Resp: 11133

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	52.0
54	60.8	50.2	75.4



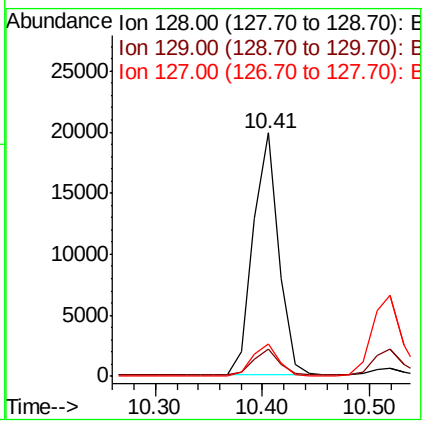


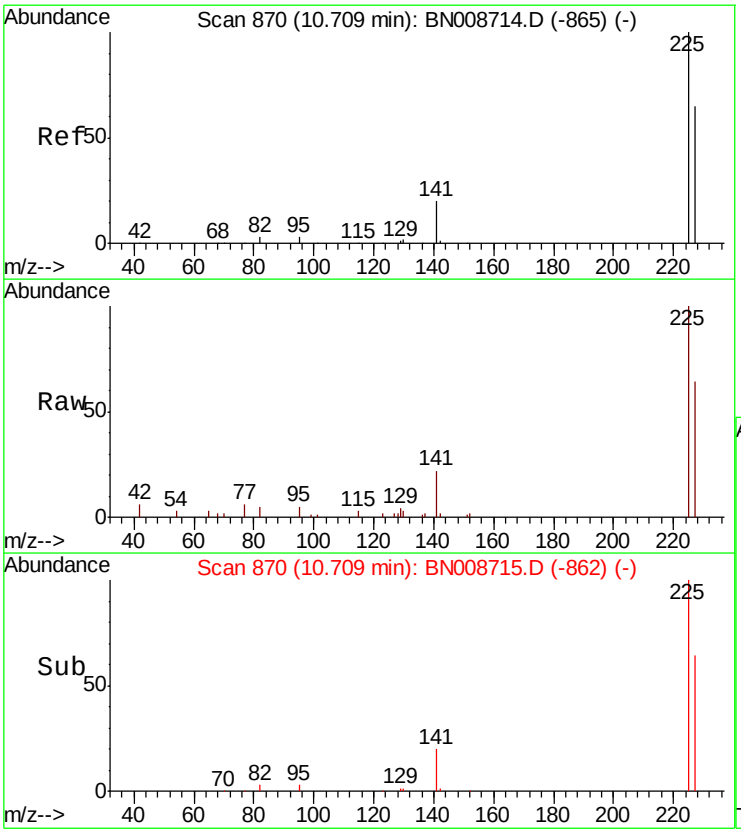
#9
Naphthalene
Concen: 0.768 ng
RT: 10.41 min Scan# 846
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 33197

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.1	10.5	15.7

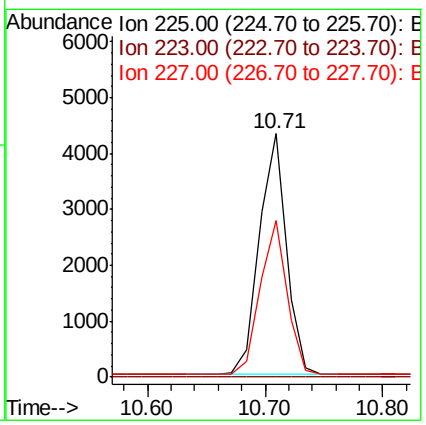


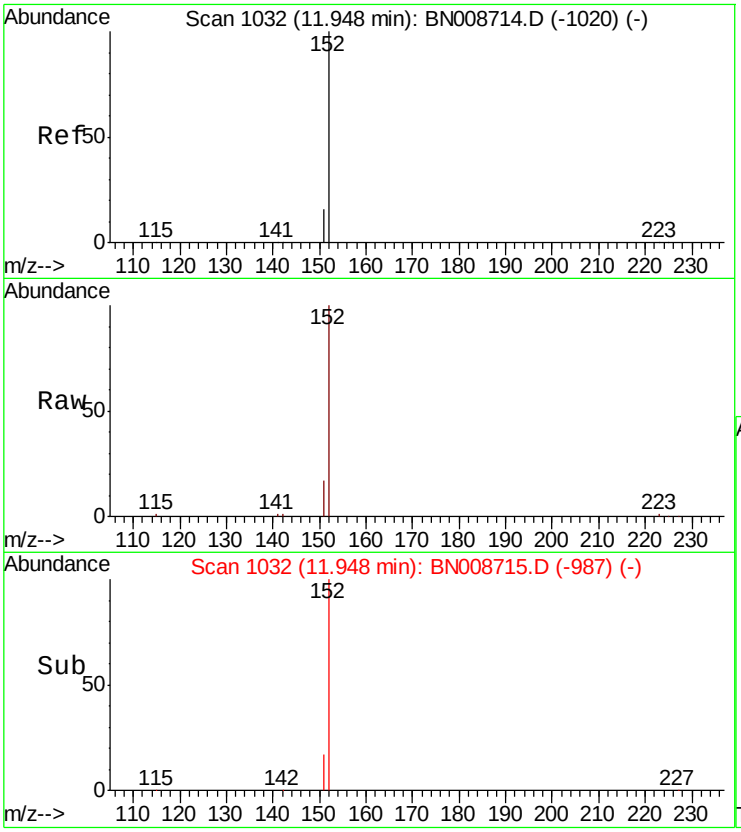


#10
Hexachlorobutadiene
Concen: 0.774 ng
RT: 10.71 min Scan# 870
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:225 Resp: 6933

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.8	77.6



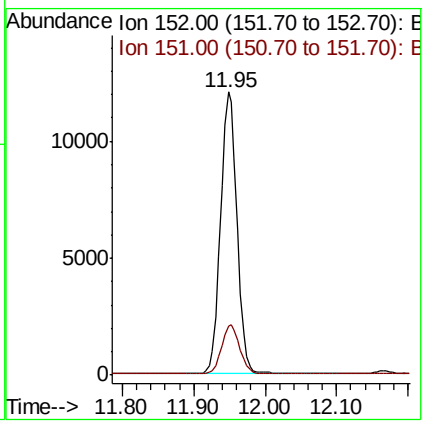


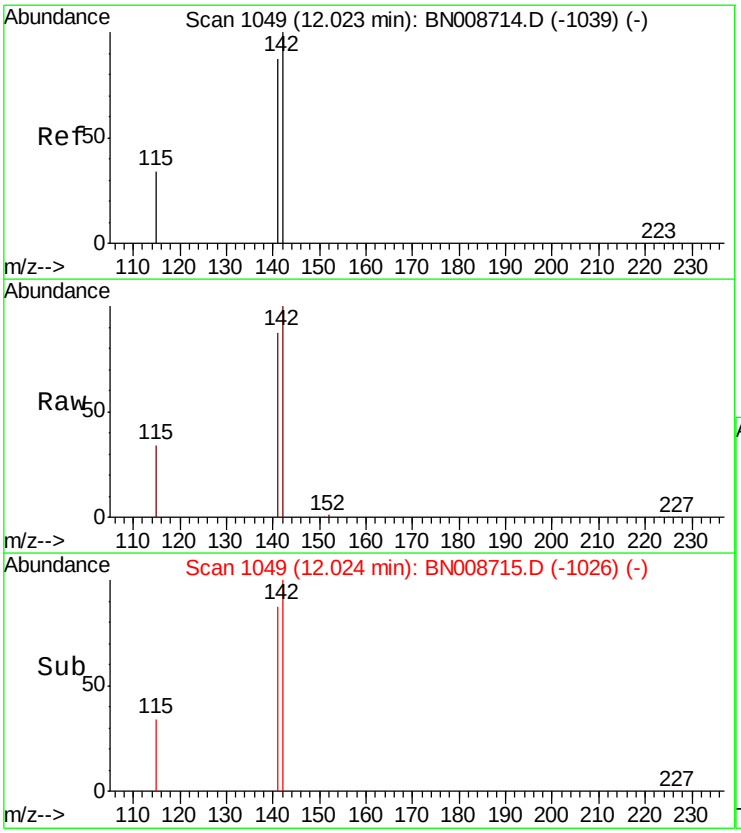
#11
2-Methylnaphthalene-d10
Concen: 0.765 ng
RT: 11.95 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 19560

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

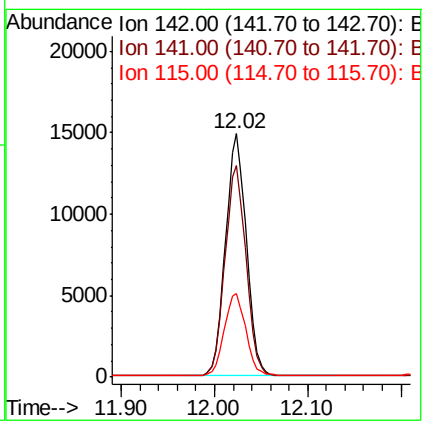


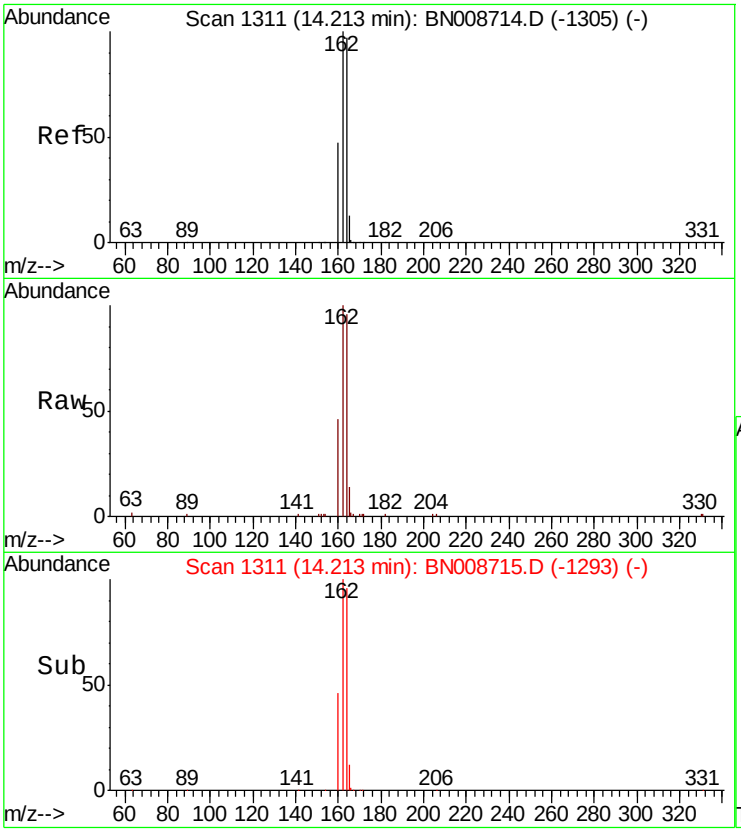


#12
2-Methylnaphthalene
Concen: 0.765 ng
RT: 12.02 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:142 Resp: 23021

Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.8	104.6
115	34.3	28.4	42.6



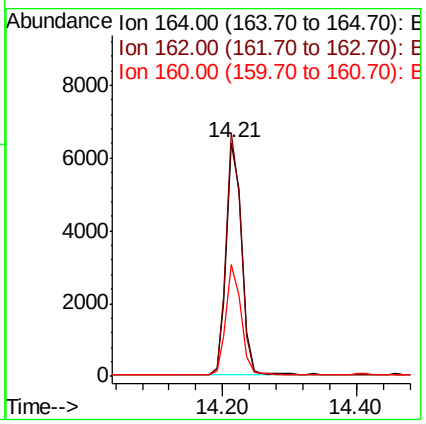


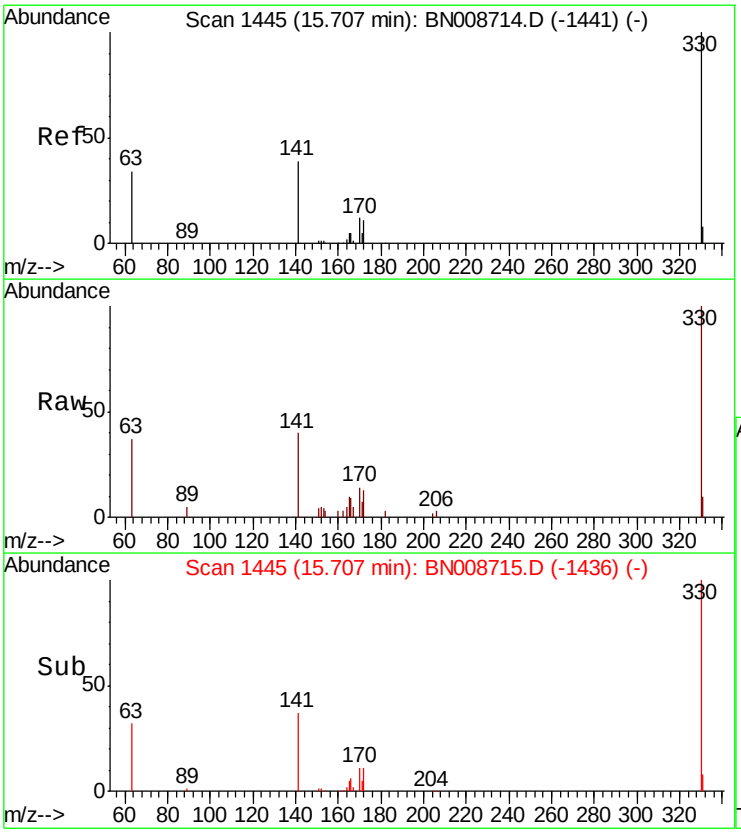
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9961

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.4
160	48.1	38.7	58.1

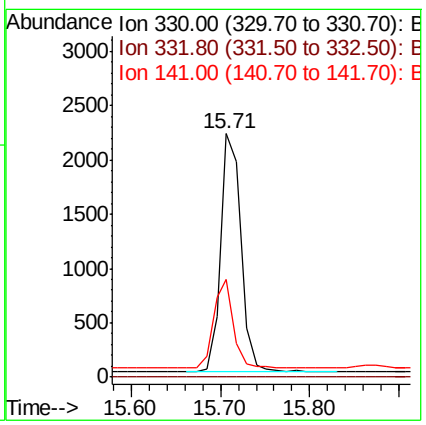


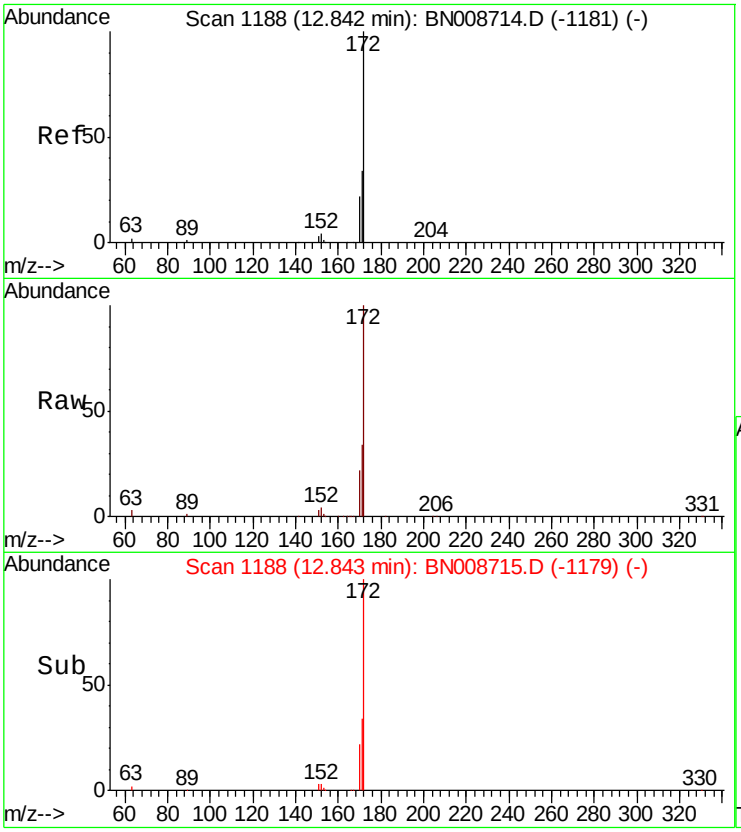


#14
2,4,6-Tribromophenol
Concen: 0.755 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:330 Resp: 3498

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.4	29.5	44.3



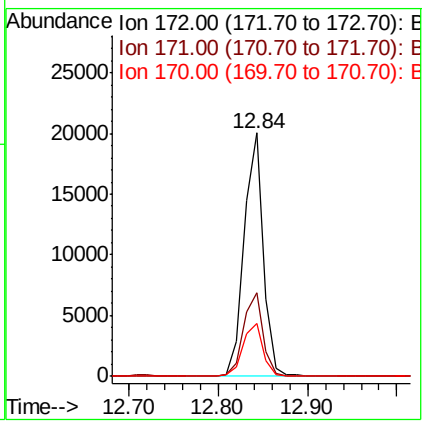


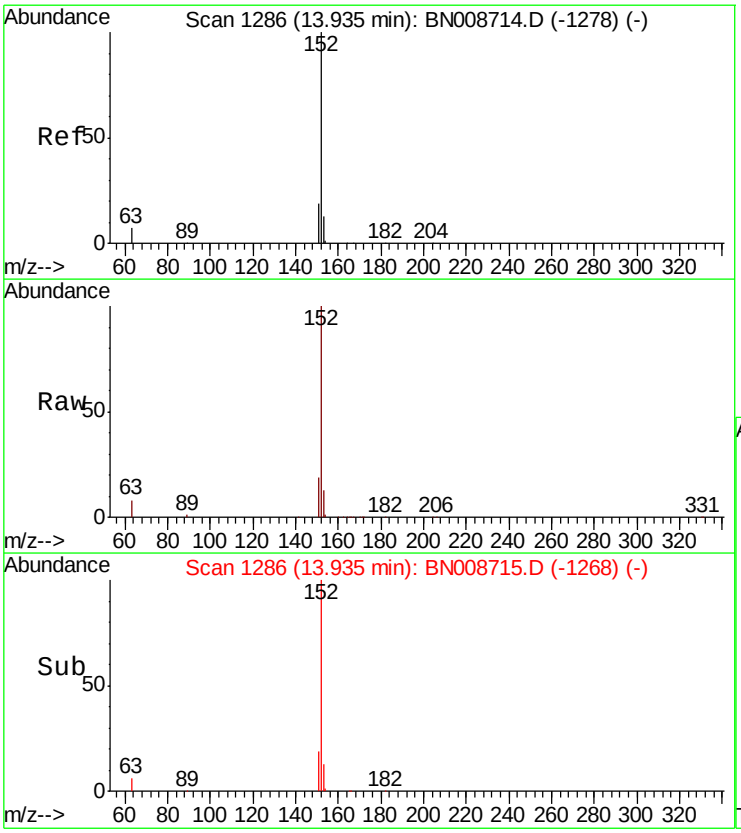
#15
2-Fluorobiphenyl
Concen: 0.766 ng
RT: 12.84 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 29811

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.3	40.9
170	22.0	17.8	26.6

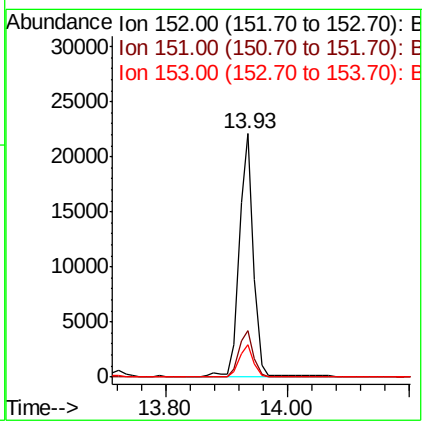


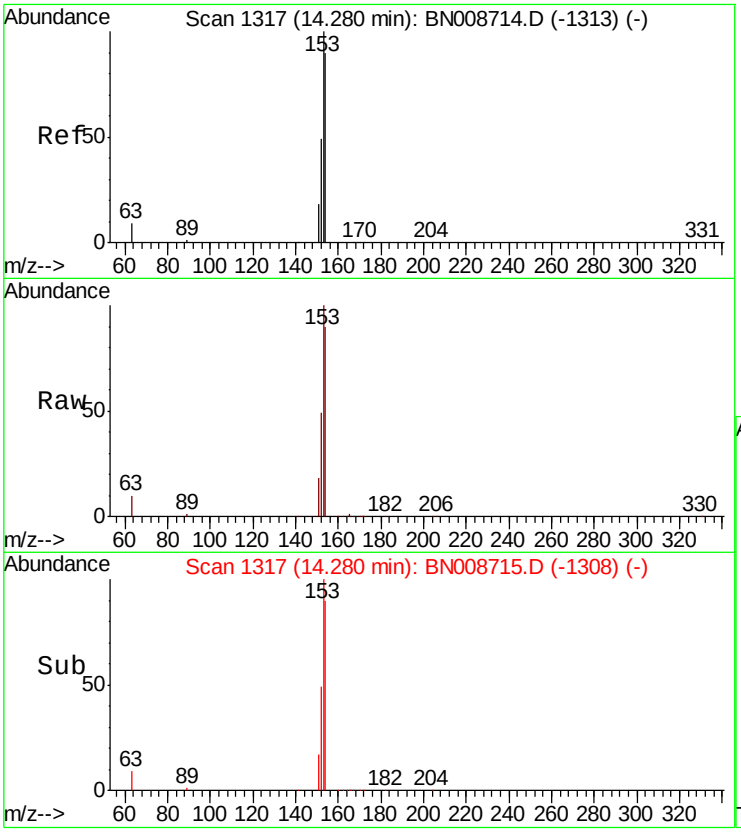


#16
Acenaphthylene
Concen: 0.755 ng
RT: 13.93 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:152 Resp: 34615

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3
153	13.1	10.3	15.5



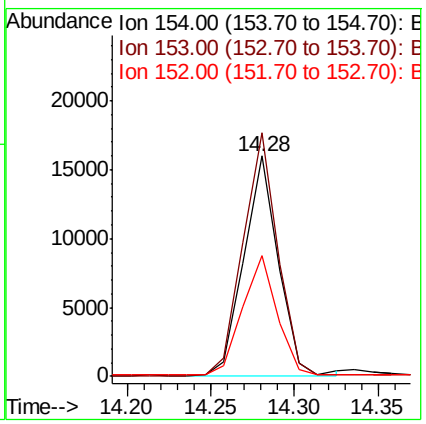


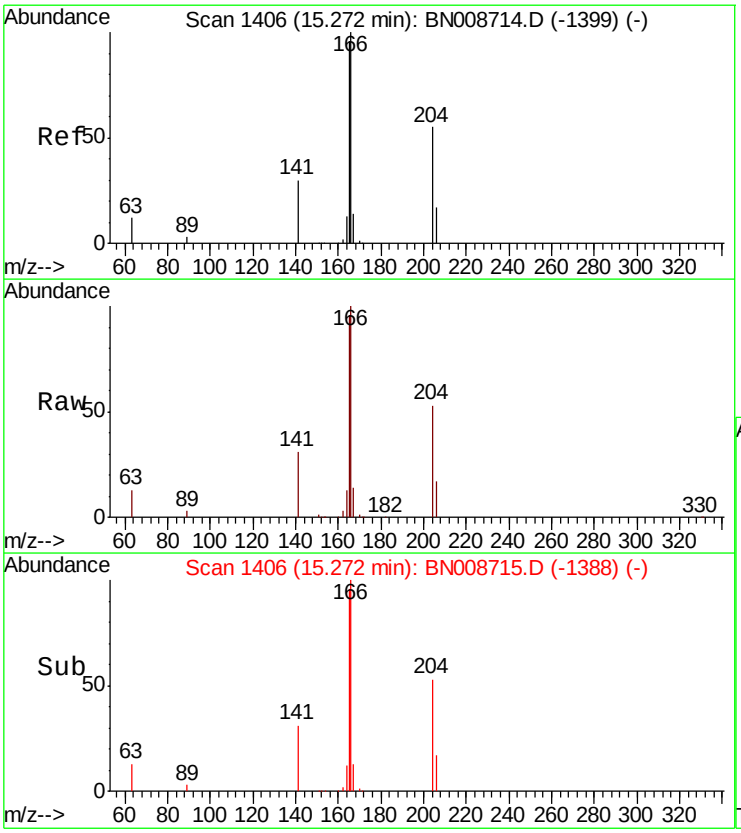
#17
Acenaphthene
Concen: 0.754 ng
RT: 14.28 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 22769

Ion	Ratio	Lower	Upper
154	100		
153	110.4	89.6	134.4
152	55.1	44.7	67.1

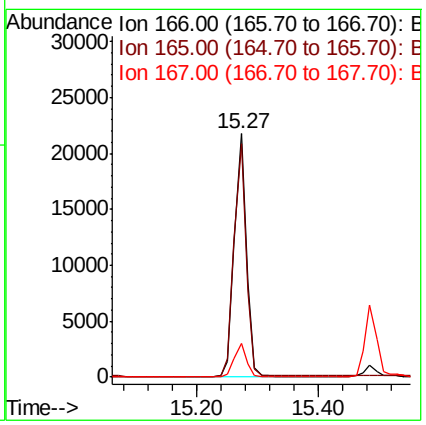


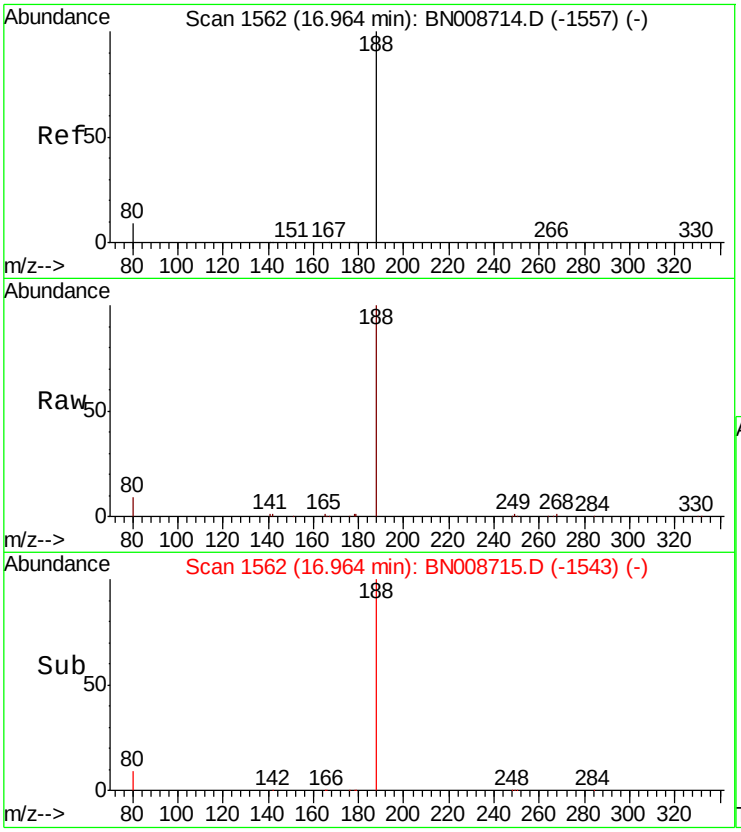


#18
Fluorene
Concen: 0.769 ng
RT: 15.27 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:166 Resp: 29735

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.7	116.5
167	13.5	10.8	16.2



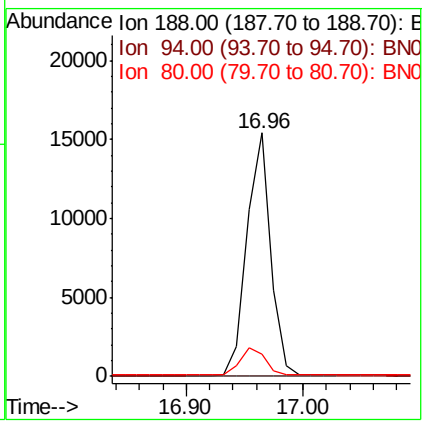


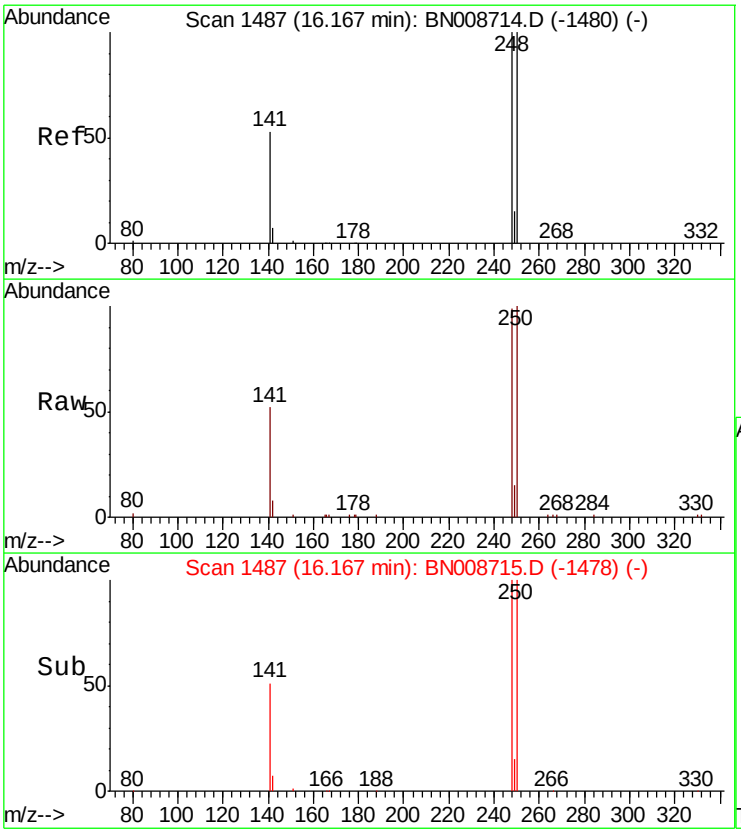
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 21689

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.0

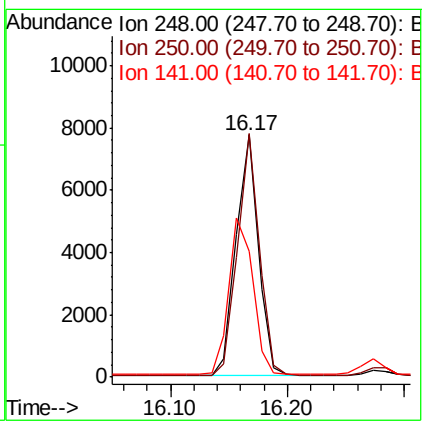


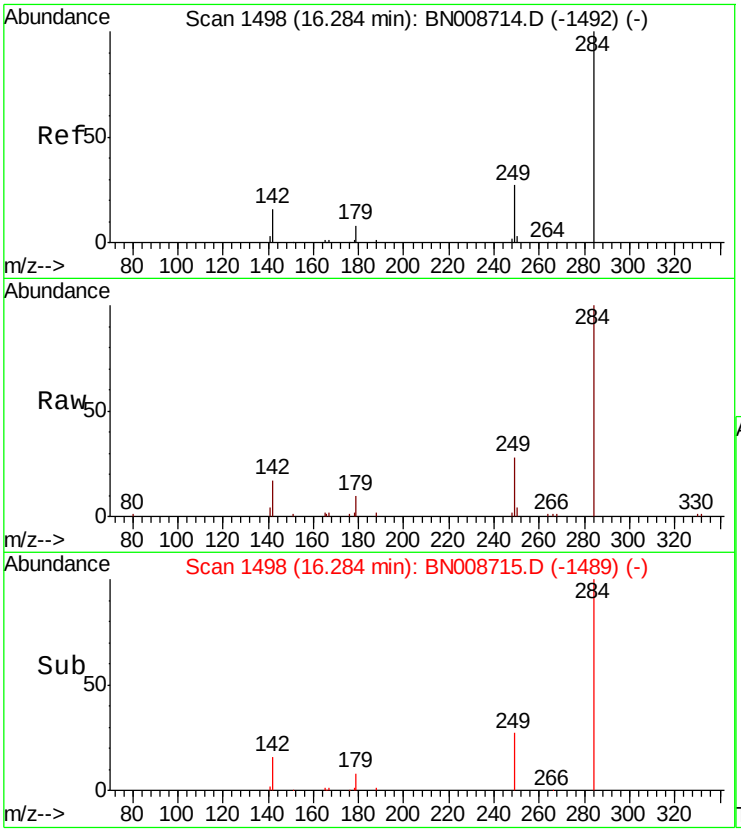


#20
4-Bromophenyl-phenylether
Concen: 0.746 ng
RT: 16.17 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:248 Resp: 10106

Ion	Ratio	Lower	Upper
248	100		
250	100.6	80.5	120.7
141	51.9	43.8	65.6



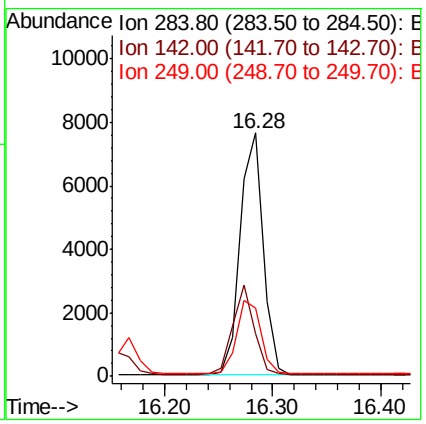


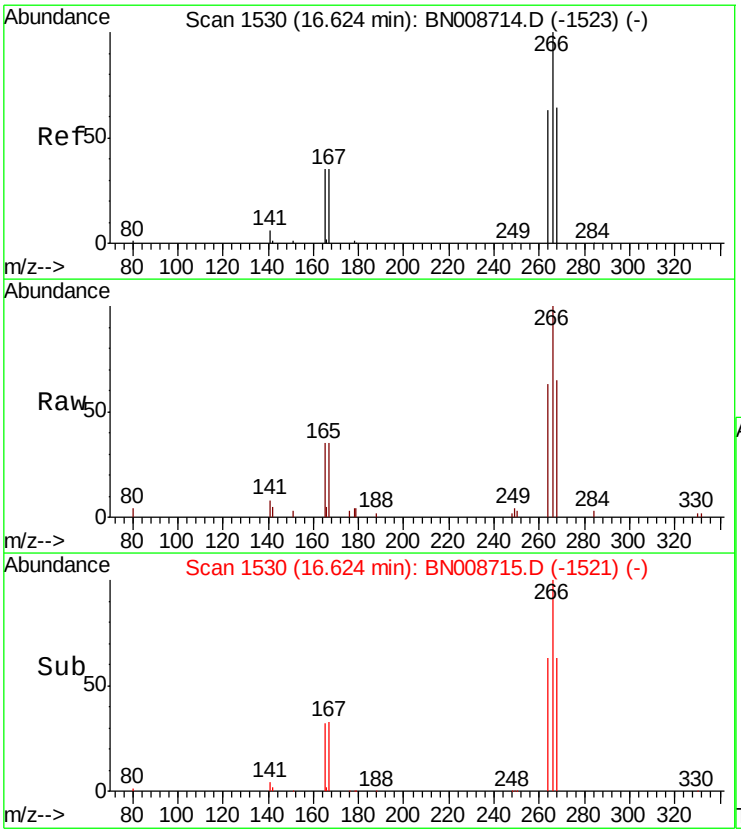
#21
Hexachlorobenzene
Concen: 0.752 ng
RT: 16.28 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 11211

Ion	Ratio	Lower	Upper
284	100		
142	33.9	27.4	41.0
249	31.7	25.4	38.0

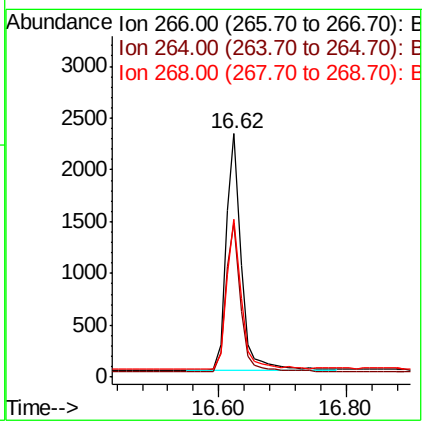


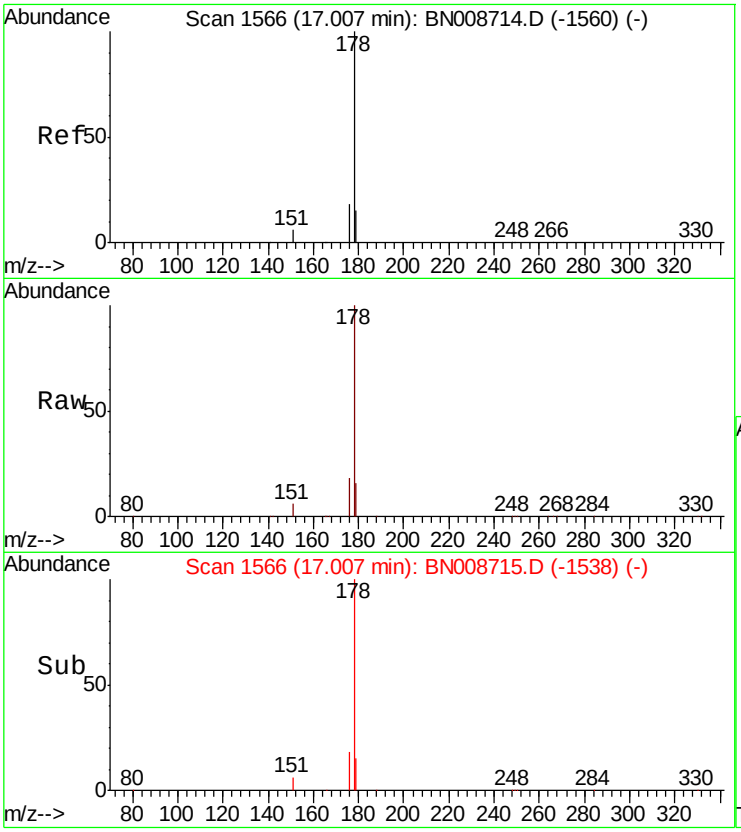


#22
Pentachlorophenol
Concen: 0.704 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:266 Resp: 3760

Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.0	76.4
268	64.7	54.1	81.1



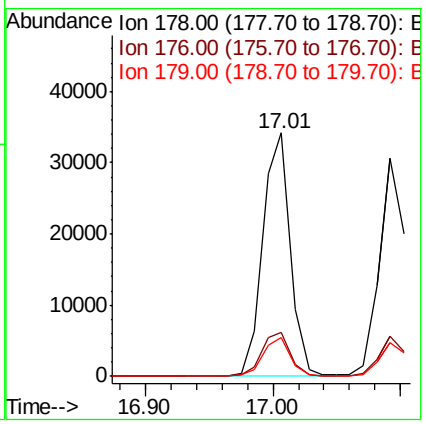


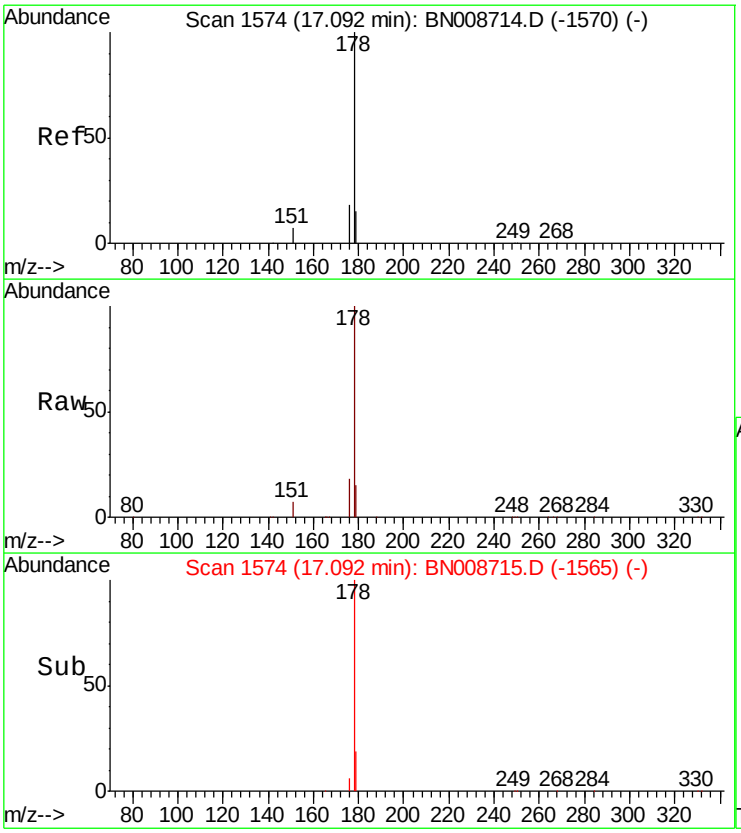
#23
Phenanthrene
Concen: 0.758 ng
RT: 17.01 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 50677

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.4	12.3	18.5

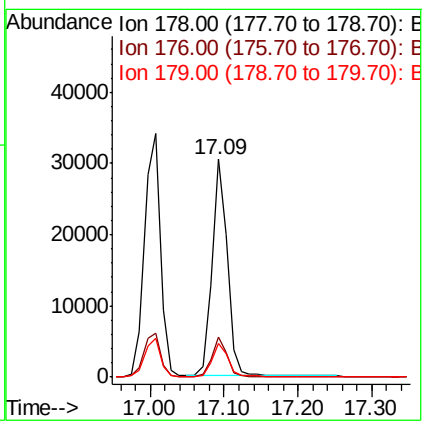


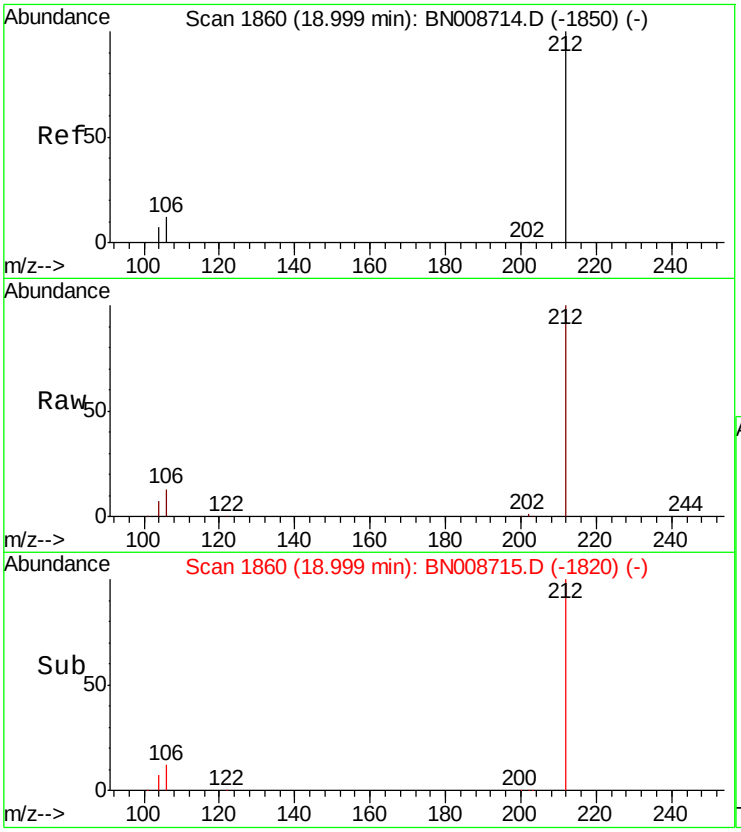


#24
Anthracene
Concen: 0.745 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:178 Resp: 44531

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.4	21.6
179	15.3	12.0	18.0



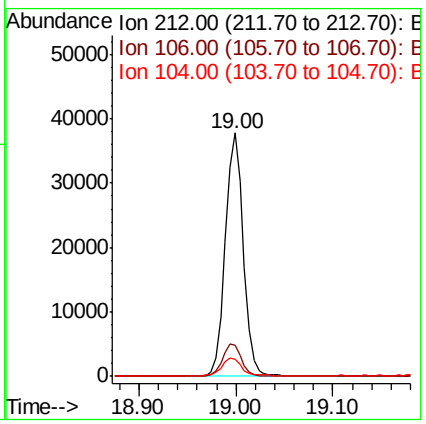


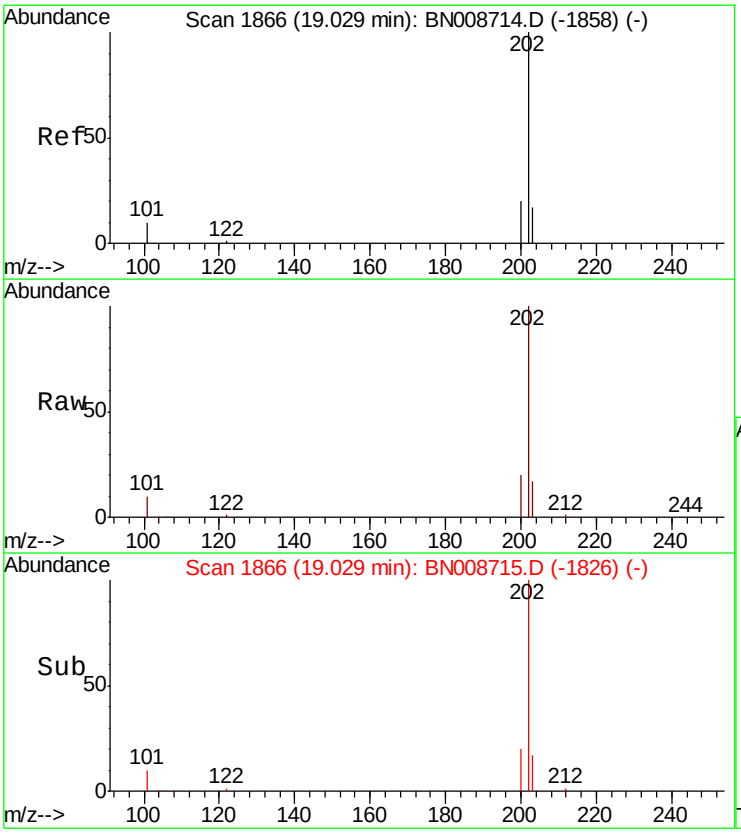
#25
Fluoranthene-d10
Concen: 0.760 ng
RT: 19.00 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 48474

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.6	15.8
104	7.4	6.0	9.0

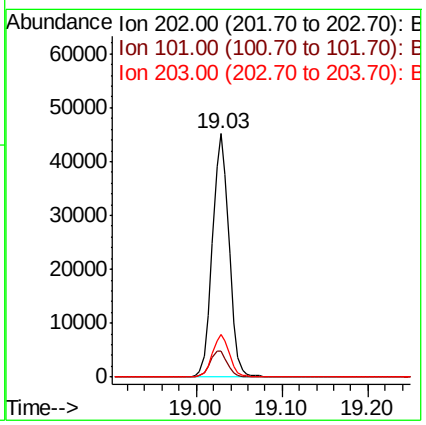


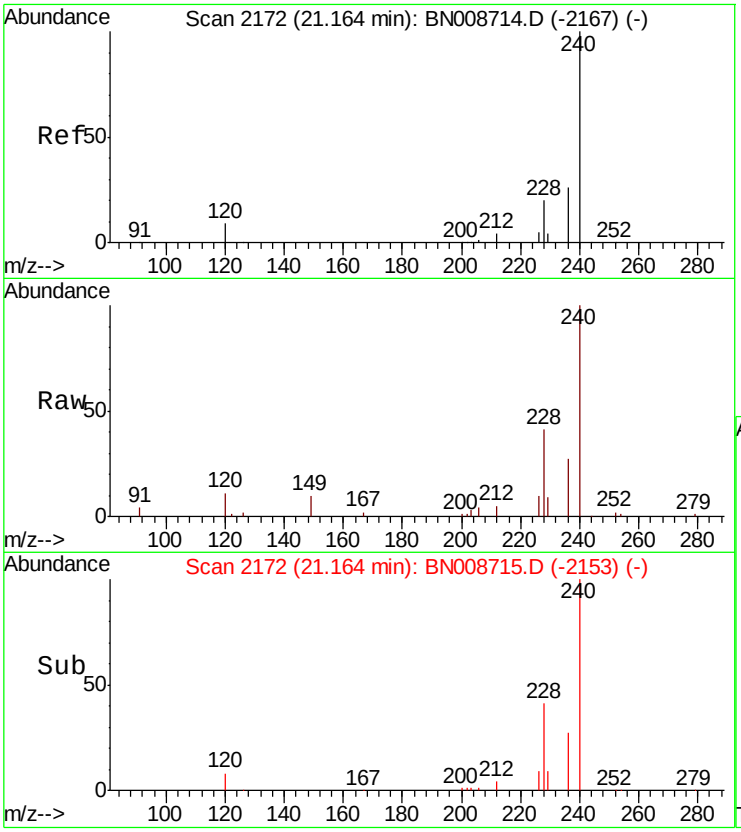


#26
Fluoranthene
Concen: 0.764 ng
RT: 19.03 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:202 Resp: 60000

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.0	13.4
203	17.1	13.8	20.6



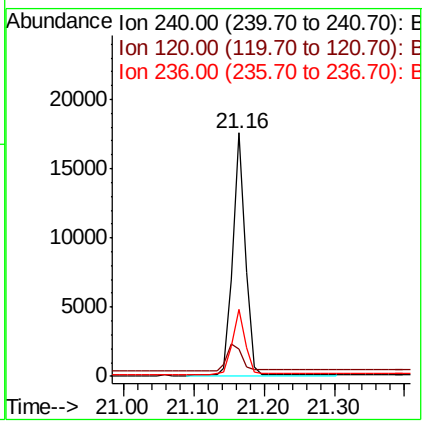


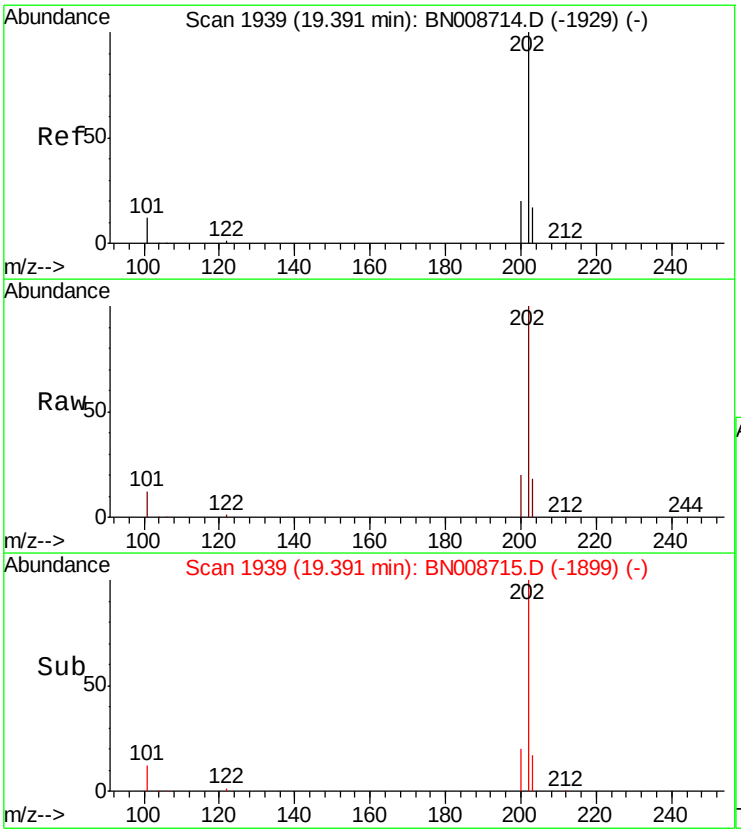
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 21253

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.4
236	27.5	21.8	32.6

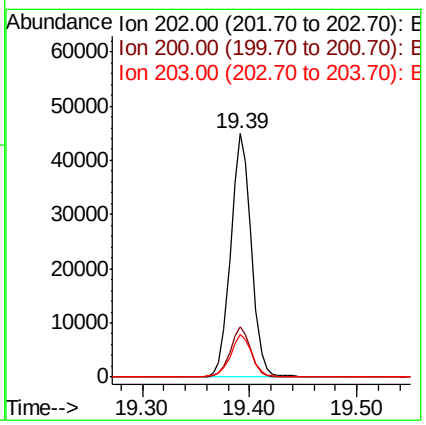


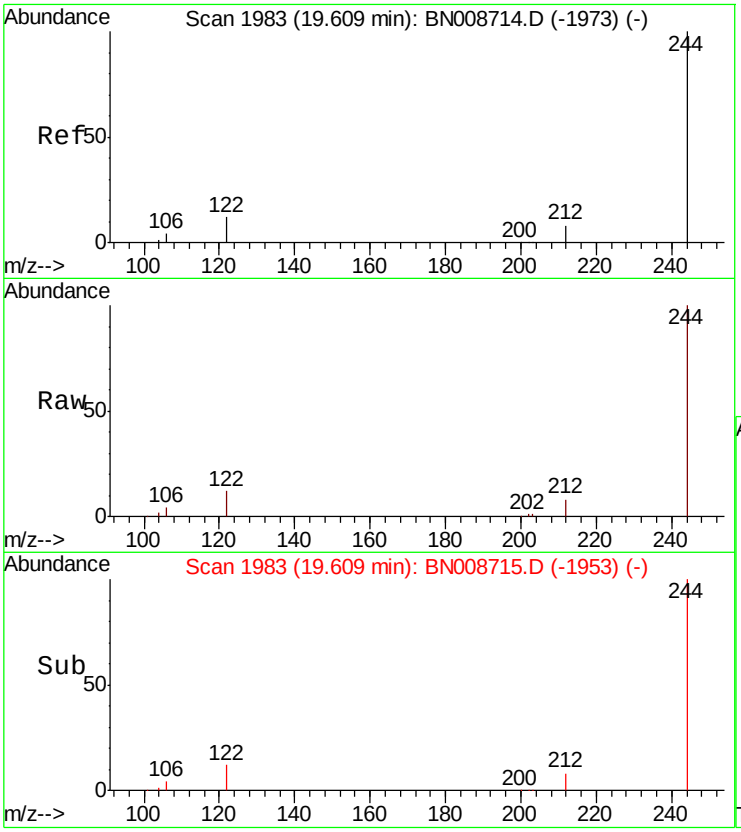


#28
Pyrene
Concen: 0.762 ng
RT: 19.39 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:202 Resp: 59765

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.5	14.0	21.0



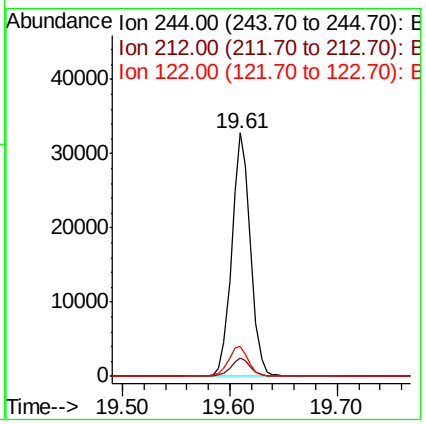


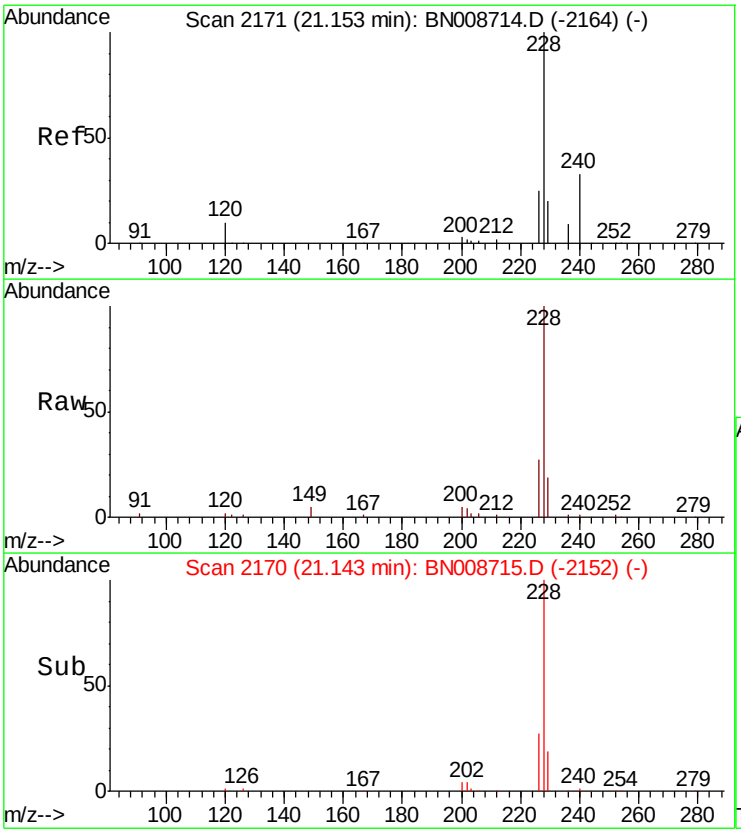
#29
Terphenyl-d14
Concen: 0.773 ng
RT: 19.61 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 39505

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	12.3	10.1	15.1

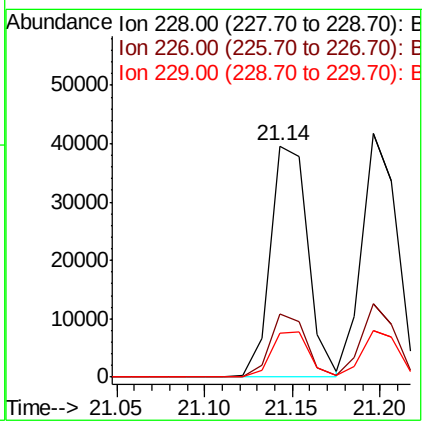


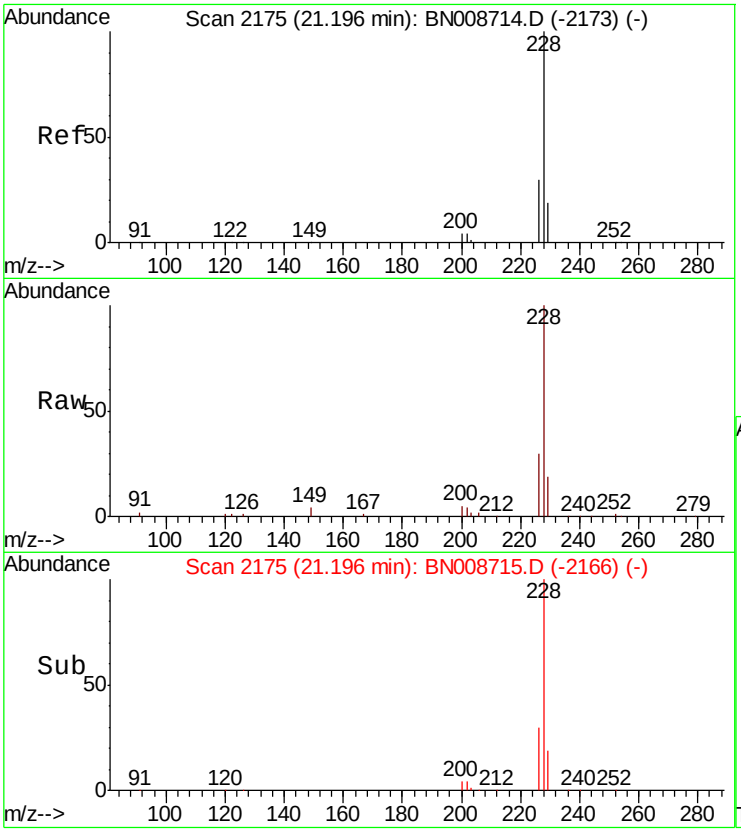


#30
Benzo(a)anthracene
Concen: 0.755 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:228 Resp: 58737

Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.3	30.5
229	18.9	16.2	24.4



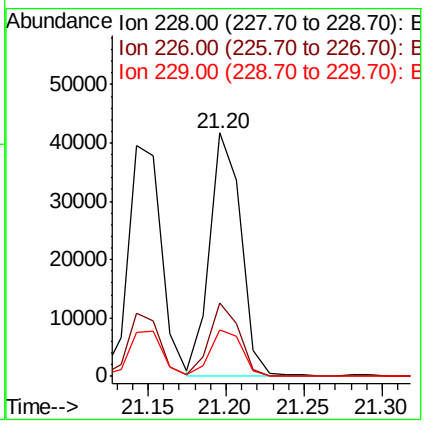


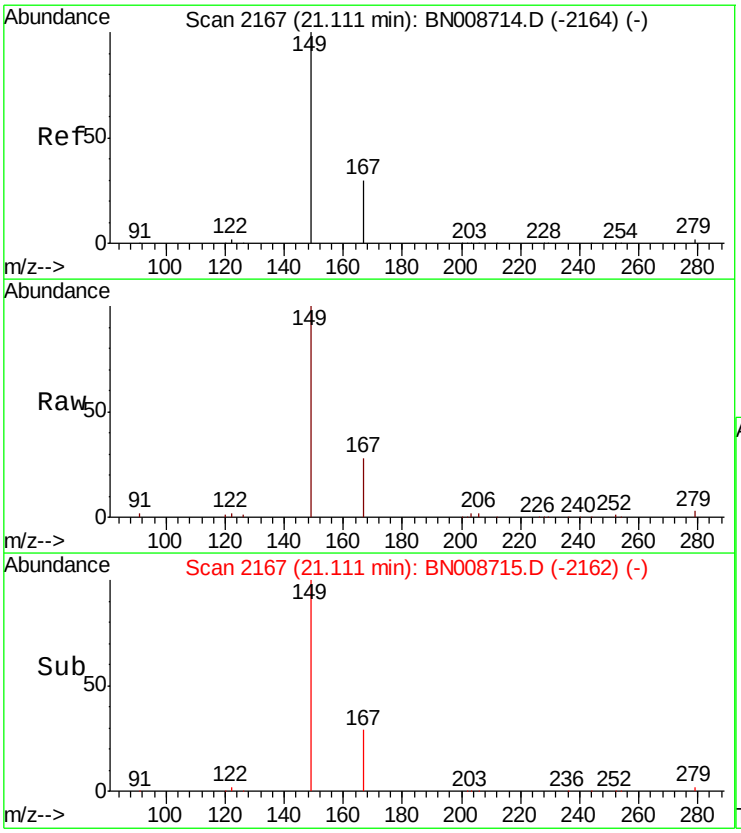
#31
Chrysene
Concen: 0.761 ng
RT: 21.20 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 57290

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	19.3	15.4	23.0

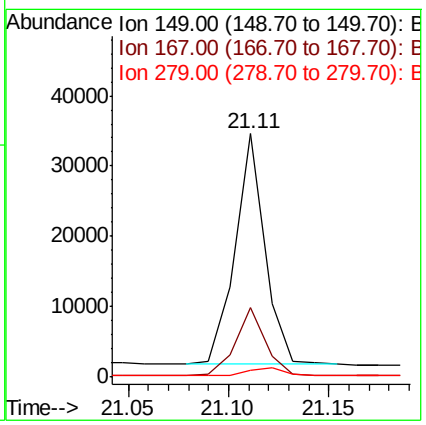


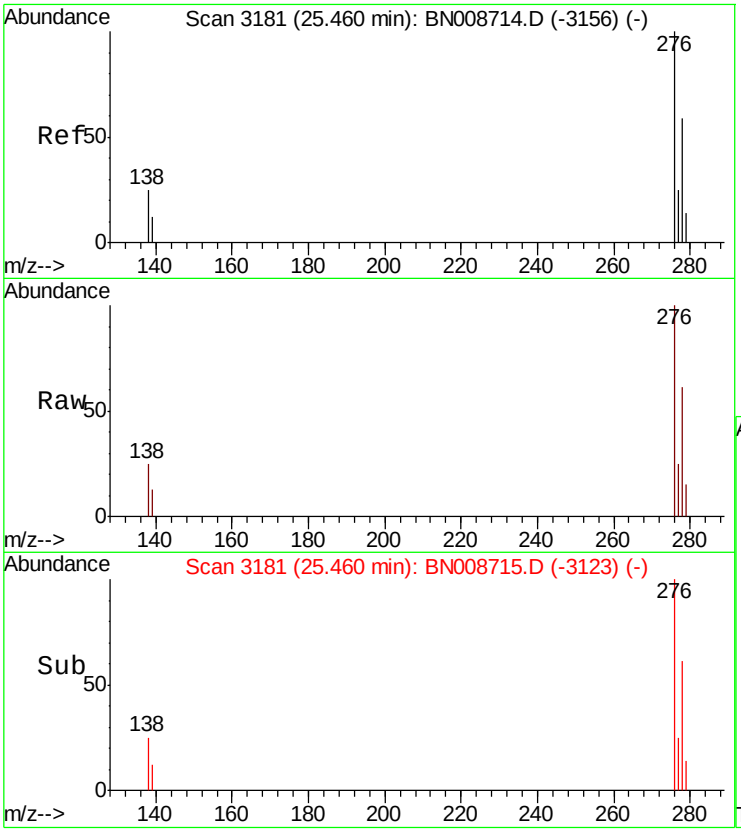


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.676 ng
RT: 21.11 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:149 Resp: 34152

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.5	35.3
279	3.9	3.4	5.0



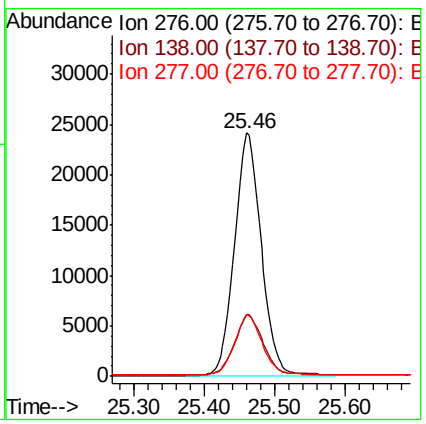


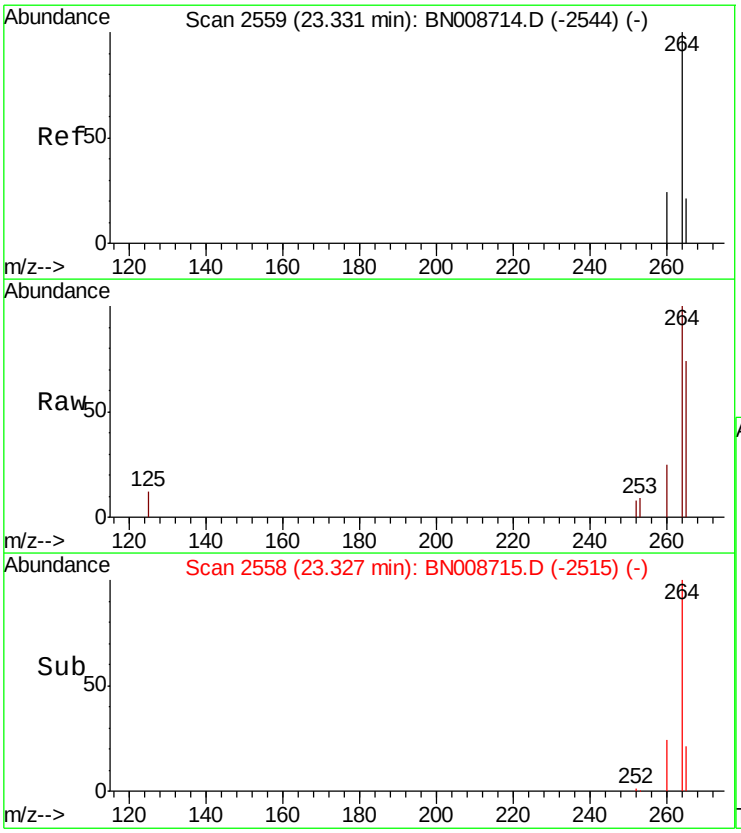
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.759 ng
RT: 25.46 min Scan# 3181
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 63677

Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.0	31.6
277	24.8	19.9	29.9

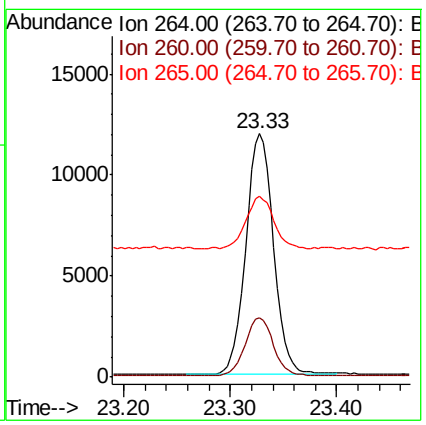


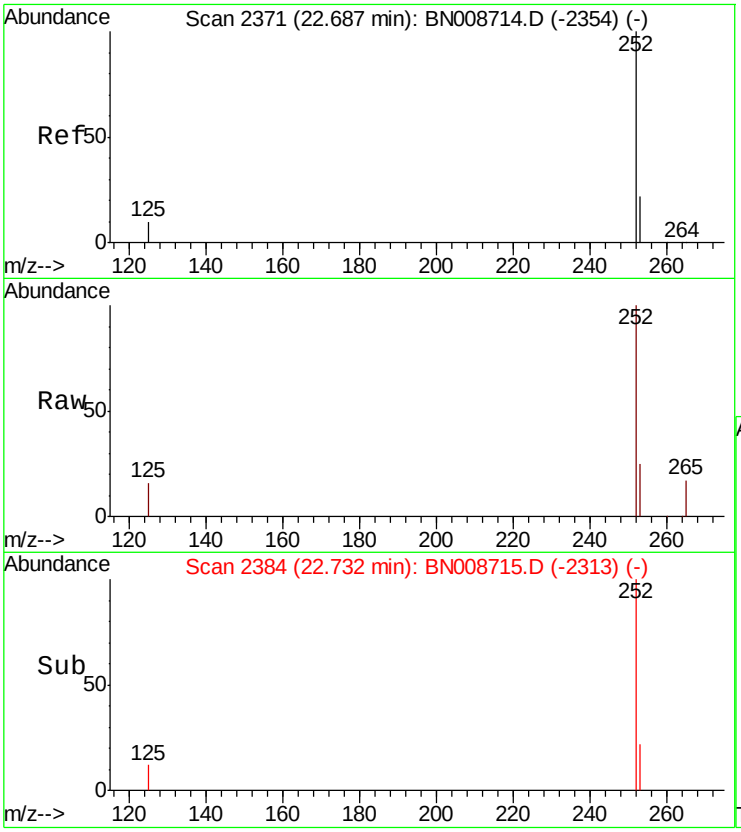


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.33 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:264 Resp: 21546

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	74.1	61.8	92.6



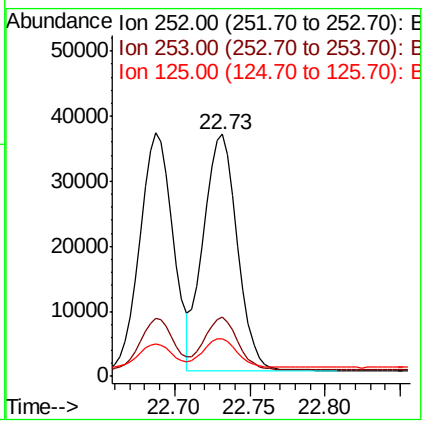


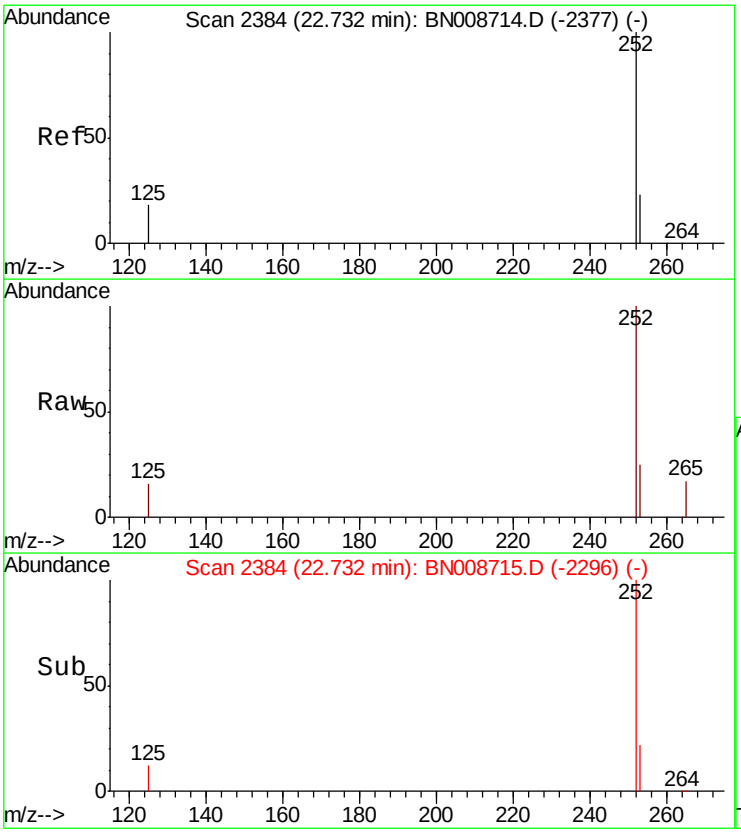
#35
Benzo(b)fluoranthene
Concen: 0.767 ng
RT: 22.73 min Scan# 2384
Delta R.T. 0.04 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 57137

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.8	31.2
125	15.6	13.5	20.3

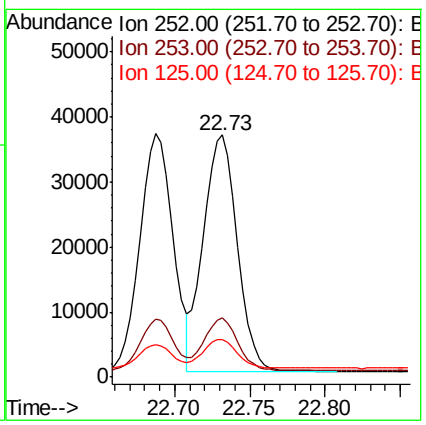


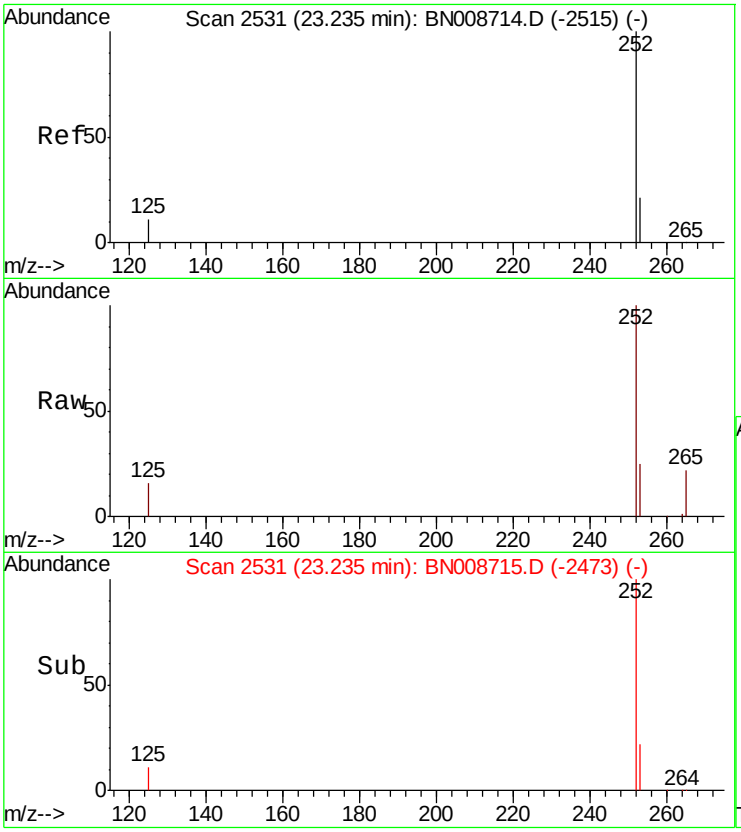


#36
Benzo(k)fluoranthene
Concen: 0.757 ng
RT: 22.73 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:252 Resp: 57137

Ion	Ratio	Lower	Upper
252	100		
253	24.5	21.8	32.6
125	15.6	18.2	27.4#



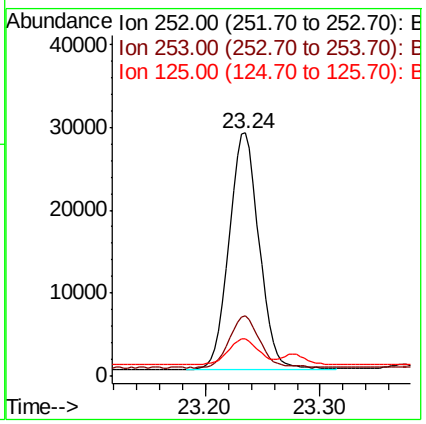


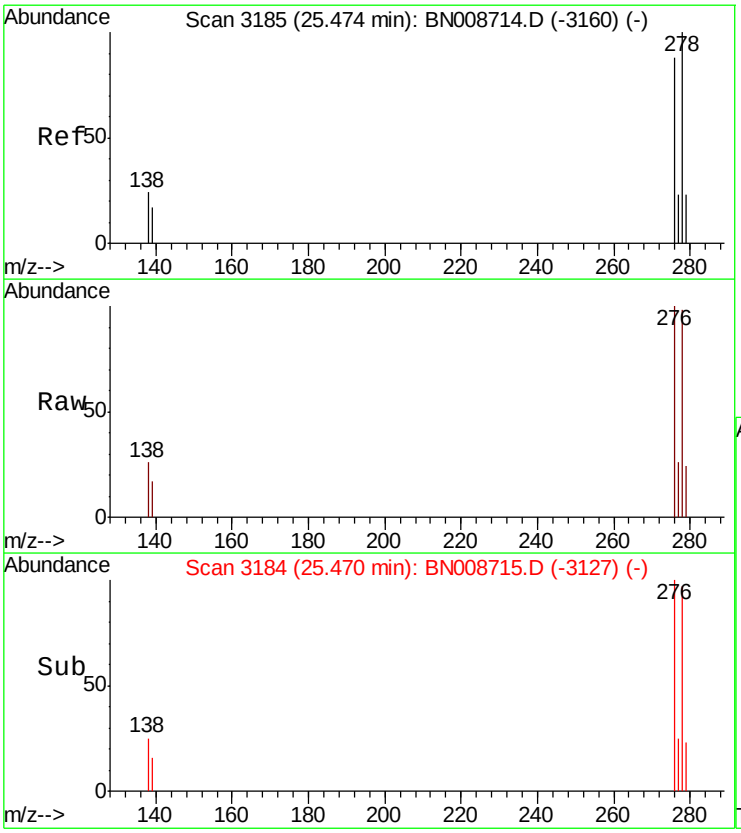
#37
Benzo(a)pyrene
Concen: 0.757 ng
RT: 23.24 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 52215

Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.9	32.9
125	15.6	16.3	24.5#

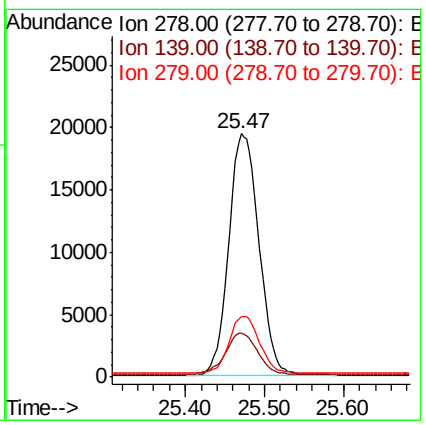


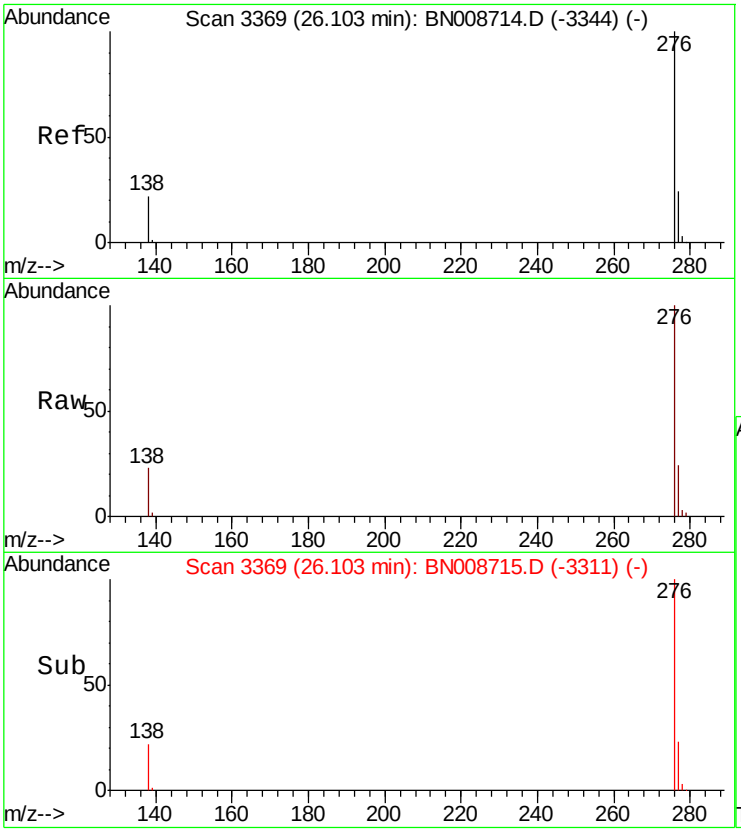


#38
Dibenzo(a,h)anthracene
Concen: 0.759 ng
RT: 25.47 min Scan# 3184
Delta R.T. -0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Tgt Ion:278 Resp: 51664

Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.4	23.2
279	25.0	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.761 ng
RT: 26.10 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BN008715.D
Acq: 22 Nov 2019 21:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 51681

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.4	30.6
138	22.6	19.2	28.8