Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
Data File : BN008721.D
Acq On : 23 Nov 2019 00:35
Operator : JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Nov 25 10:58:43 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 10:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4382	0.40	ng		0.00
7) Naphthalene-d8	10.35	136	15930	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	9803	0.40	ng		0.00
19) Phenanthrene-d10	16.96	188	20923	0.40	ng		0.00
27) Chrysene-d12	21.16	240	21240	0.40	ng		0.00
34) Perylene-d12	23.32	264	20958	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	4549	0.40	ng		0.00
5) Phenol-d6	6.78	99	5698	0.39	ng		0.00
8) Nitrobenzene-d5	8.73	82	5660	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.95	152	10150	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	1690	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.84	172	15411	0.40	ng		0.00
25) Fluoranthene-d10	19.00	212	24420	0.40	ng		0.00
29) Terphenyl-d14	19.61	244	19796	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1826	0.394	ng		98
3) n-Nitrosodimethylamine	3.53	42	2237	0.389	ng	#	97
6) bis(2-Chloroethyl)ether	7.03	93	5467	0.402	ng		99
9) Naphthalene	10.41	128	17249	0.406	ng		99
10) Hexachlorobutadiene	10.71	225	3557	0.403	ng	#	99
12) 2-Methylnaphthalene	12.02	142	11892	0.402	ng		100
16) Acenaphthylene	13.93	152	17319	0.384	ng		100
17) Acenaphthene	14.28	154	11672	0.393	ng		99
18) Fluorene	15.27	166	15112	0.397	ng		99
20) 4-Bromophenyl-phenylether	16.17	248	5179	0.396	ng		97
21) Hexachlorobenzene	16.28	284	5773	0.402	ng		100
22) Pentachlorophenol	16.62	266	1658	0.322	ng		98
23) Phenanthrene	17.00	178	25526	0.396	ng		100
24) Anthracene	17.09	178	22323	0.387	ng		100
26) Fluoranthene	19.02	202	29908	0.395	ng		100
28) Pyrene	19.39	202	30032	0.383	ng		100
30) Benzo(a)anthracene	21.14	228	29650	0.381	ng		98
31) Chrysene	21.20	228	29797	0.396	ng		98
32) Bis(2-ethylhexyl)phthalate	21.10	149	17806	0.353	ng		100
33) Indeno(1,2,3-cd)pyrene	25.45	276	33090	0.395	ng		99
35) Benzo(b)fluoranthene	22.68	252	28638	0.395	ng		99
36) Benzo(k)fluoranthene	22.72	252	29654	0.404	ng		98
37) Benzo(a)pyrene	23.23	252	26521	0.395	ng		99
38) Dibenzo(a,h)anthracene	25.46	278	26832	0.405	ng		99
39) Benzo(g,h,i)perylene	26.10	276	26567	0.402	ng		99

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

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Acq On : 23 Nov 2019 00:35
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 25 10:58:43 2019
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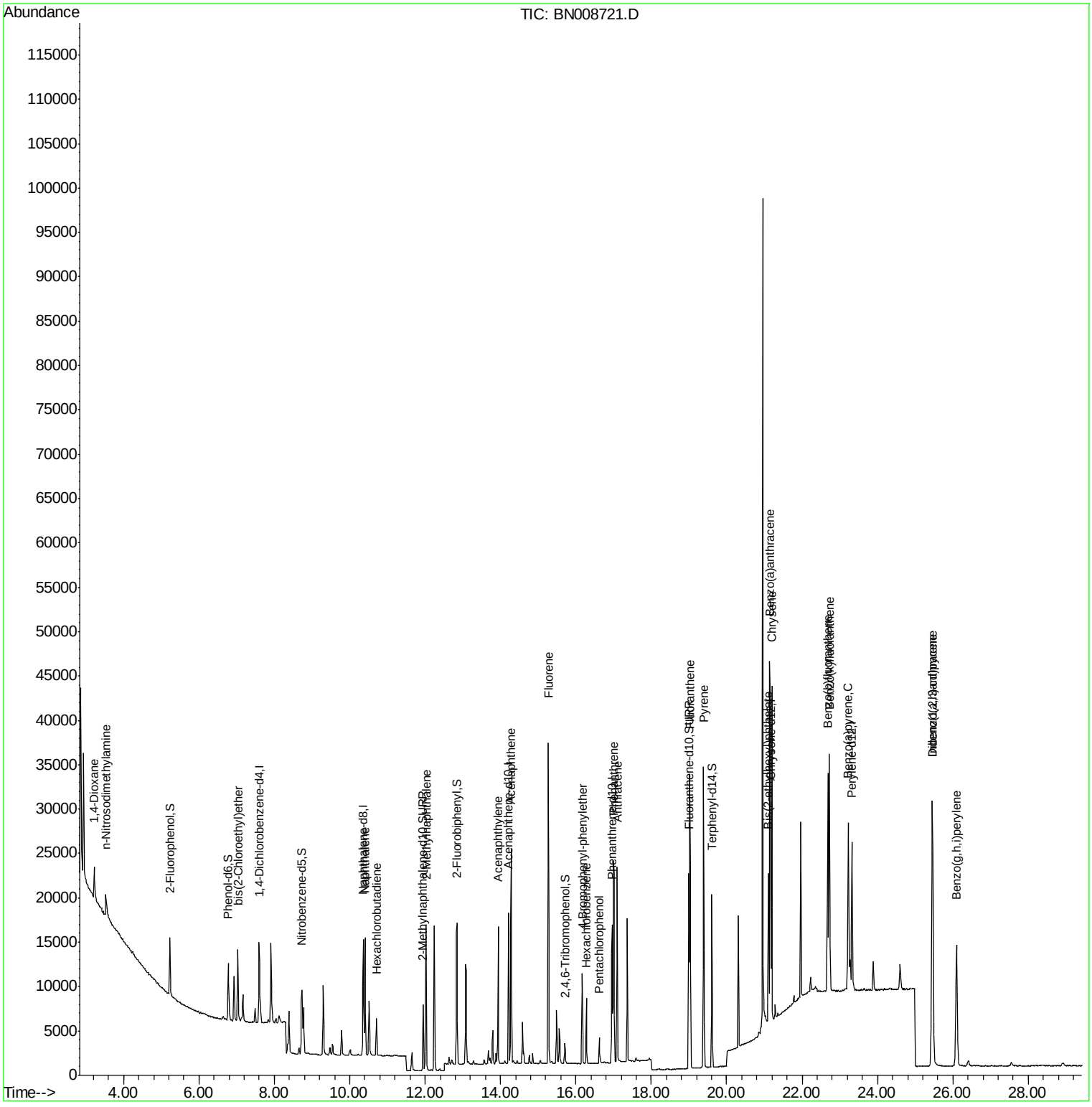
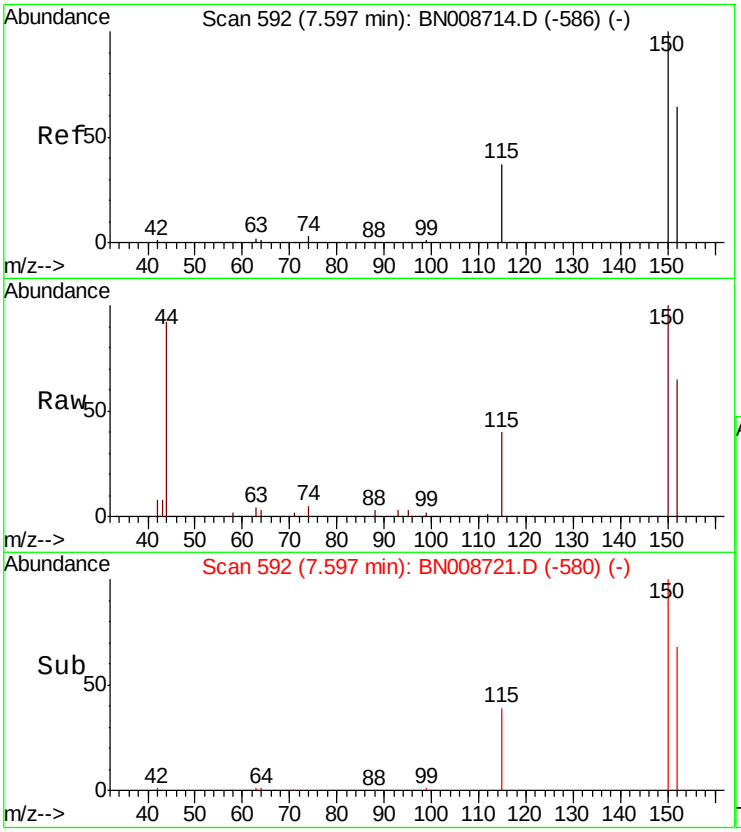
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 10:49:40 2019
Response via : Initial Calibration



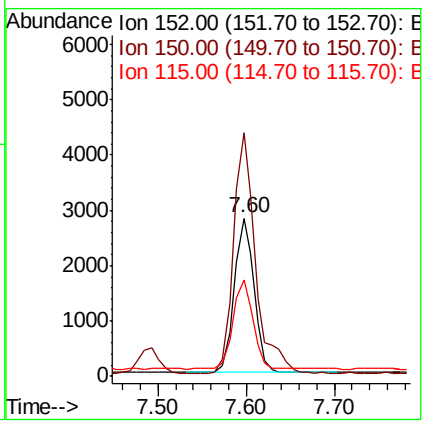


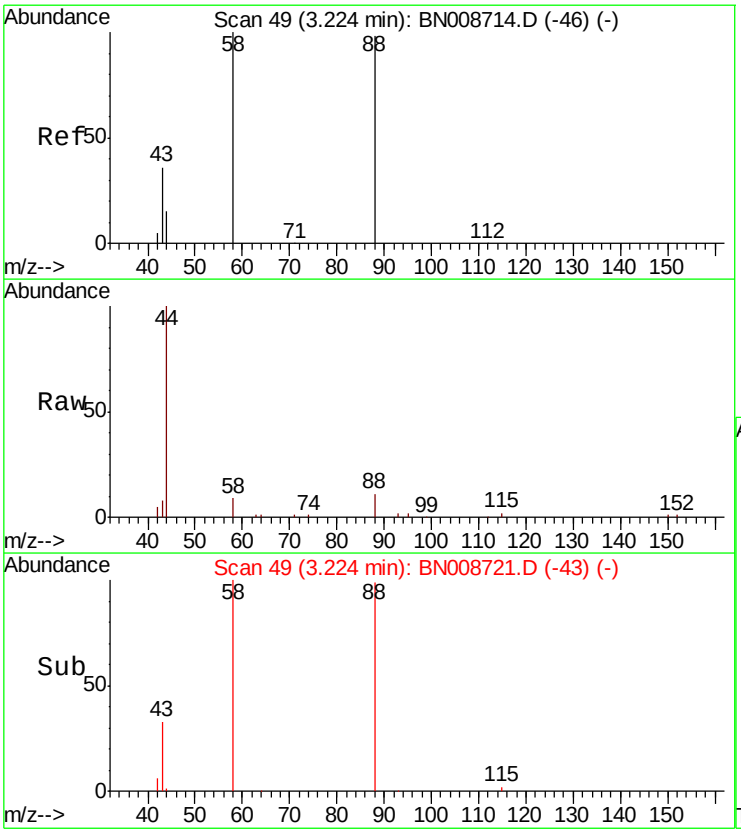
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4382

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.0	186.0
115	61.0	49.8	74.8

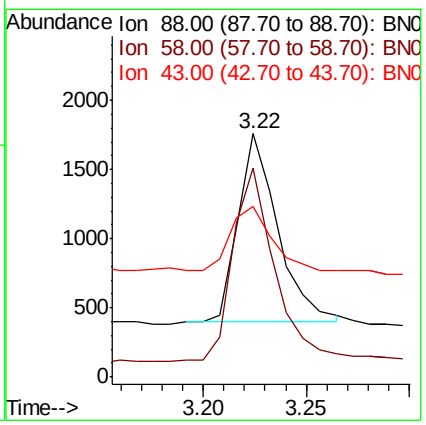


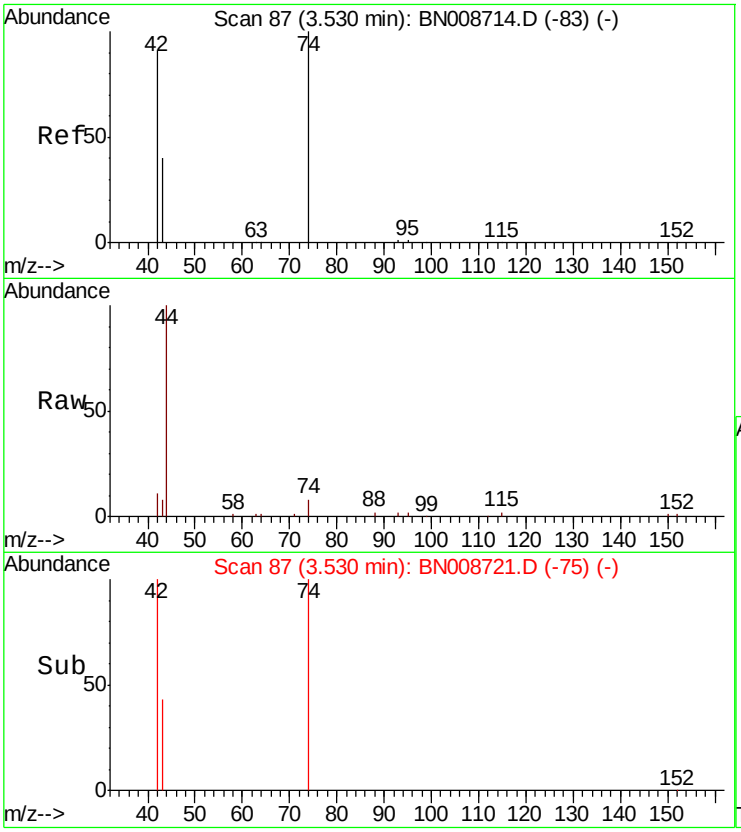


#2
1,4-Dioxane
Concen: 0.394 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion: 88 Resp: 1826

Ion	Ratio	Lower	Upper
88	100		
58	105.4	85.7	128.5
43	35.2	29.5	44.3



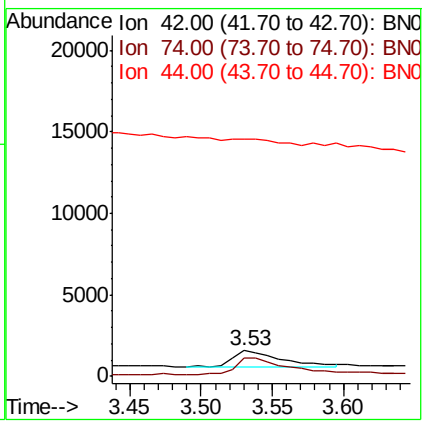


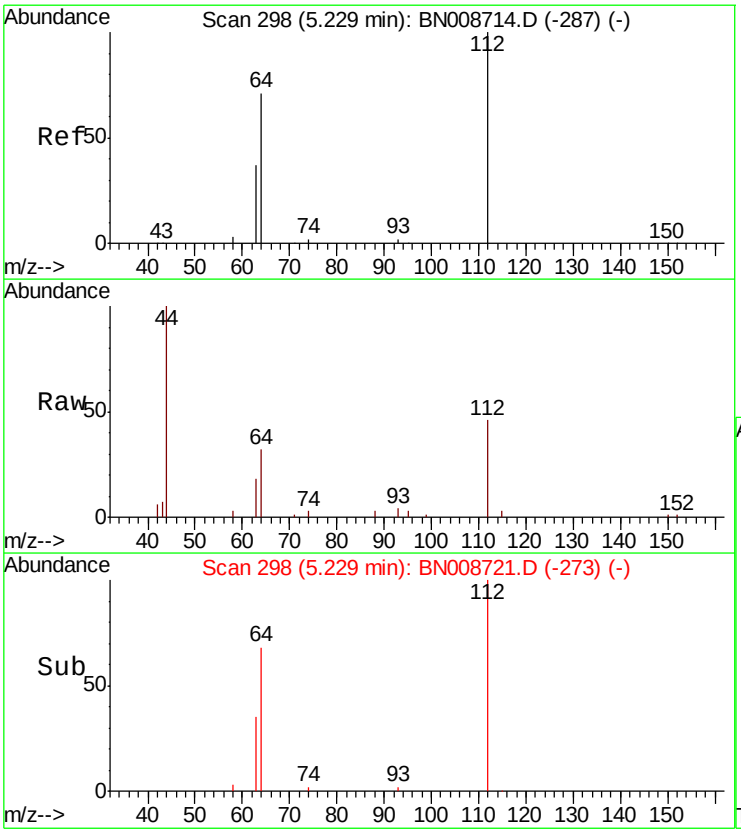
#3
n-Nitrosodimethylamine
Concen: 0.389 ng
RT: 3.53 min Scan# 87
Delta R.T. 0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2237

Ion	Ratio	Lower	Upper
42	100		
74	106.3	88.0	132.0
44	0.0	0.0	0.0

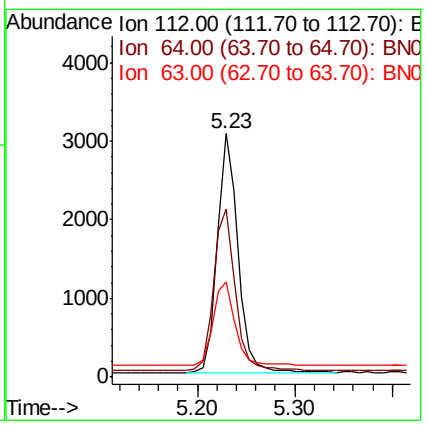


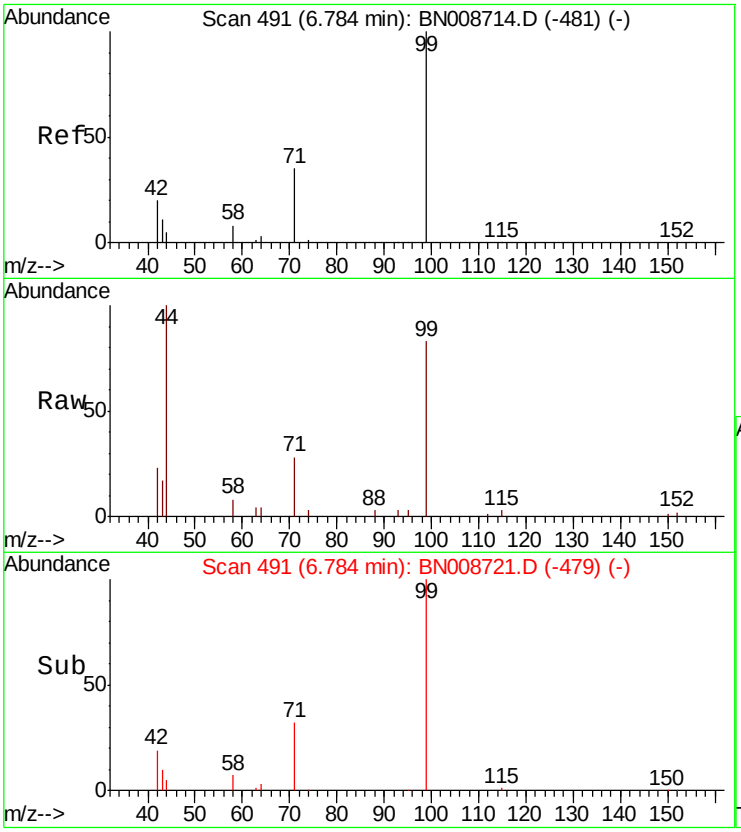


#4
2-Fluorophenol
Concen: 0.396 ng
RT: 5.23 min Scan# 298
Delta R.T. 0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:112 Resp: 4549

Ion	Ratio	Lower	Upper
112	100		
64	70.6	57.1	85.7
63	37.7	29.7	44.5



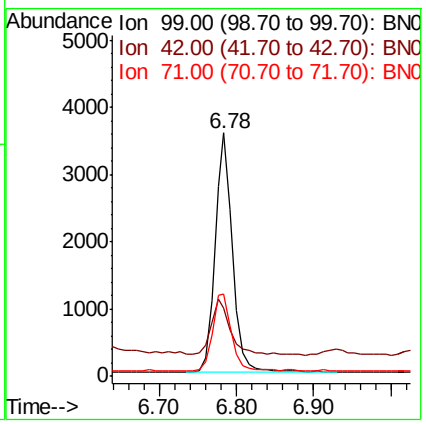


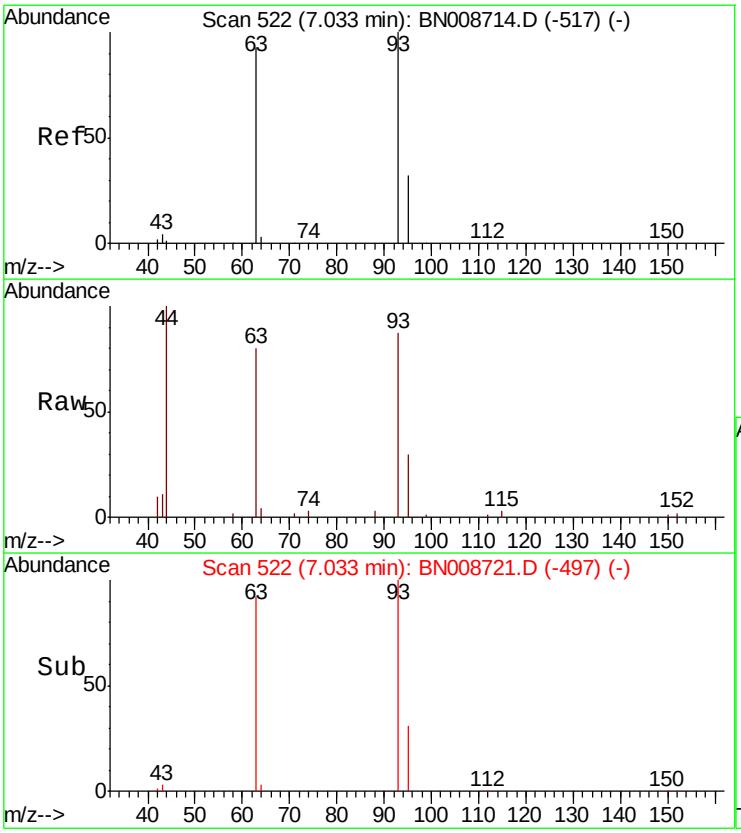
#5
Phenol-d6
Concen: 0.393 ng
RT: 6.78 min Scan# 491
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5698

Ion	Ratio	Lower	Upper
99	100		
42	26.1	19.4	29.2
71	34.8	27.5	41.3

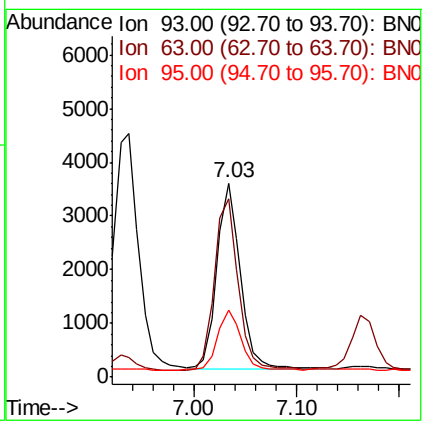


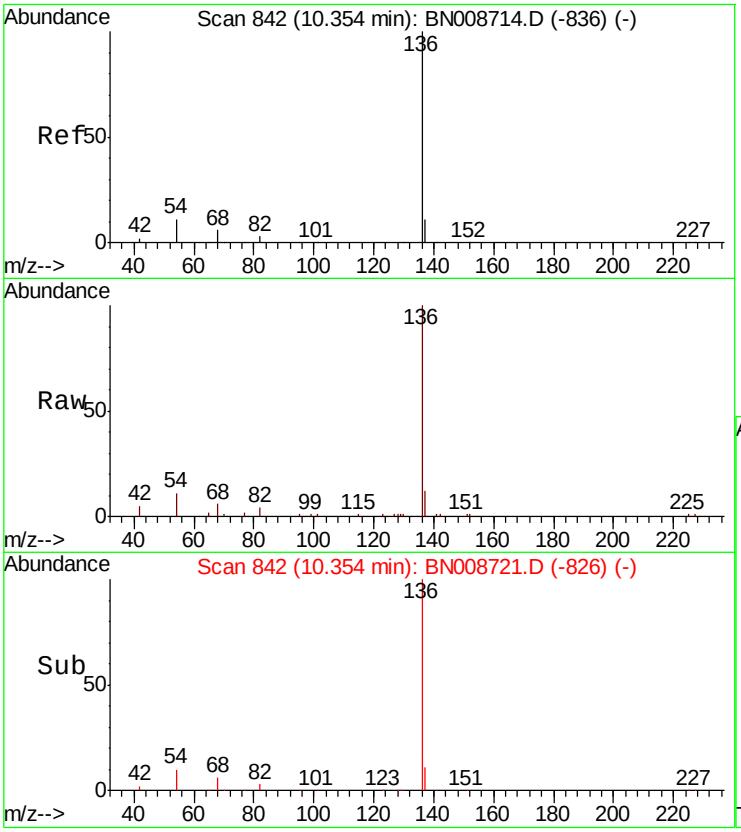


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 7.03 min Scan# 522
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion: 93 Resp: 5467

Ion	Ratio	Lower	Upper
93	100		
63	93.7	74.2	111.4
95	32.9	26.2	39.2



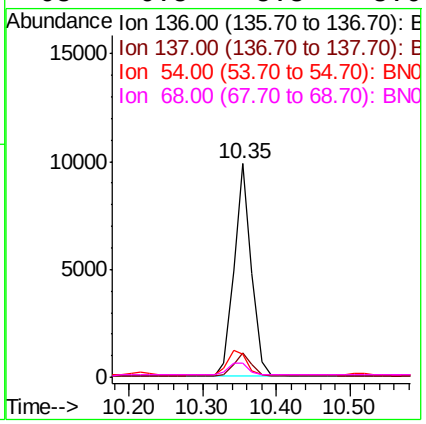


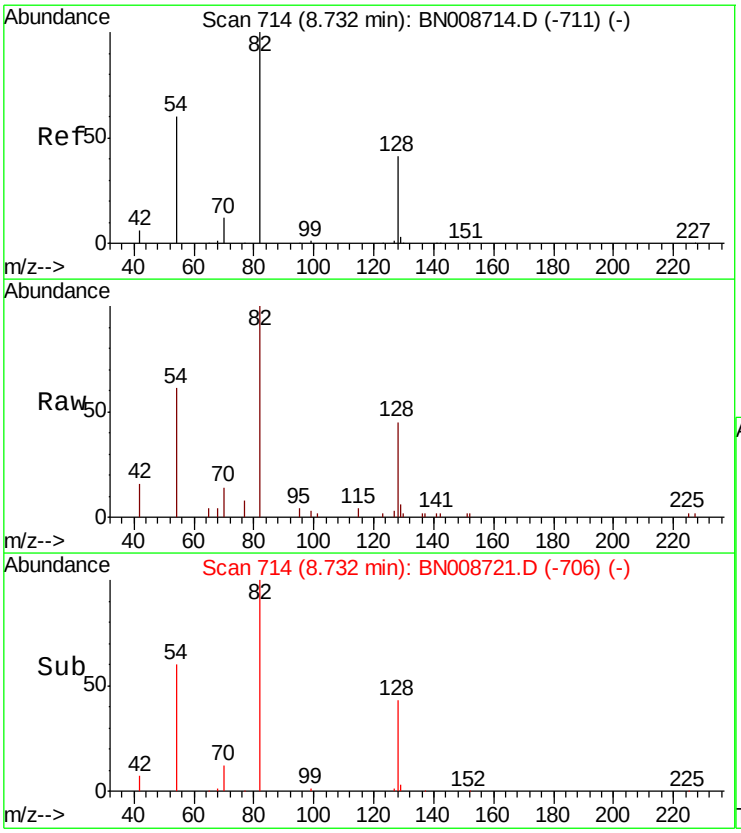
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.35 min Scan# 842
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 15930

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	10.8	9.4	14.2
68	6.5	5.8	8.6

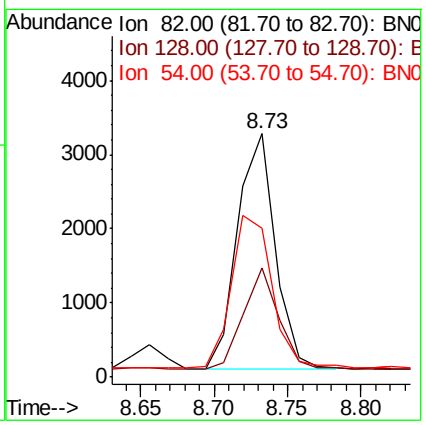


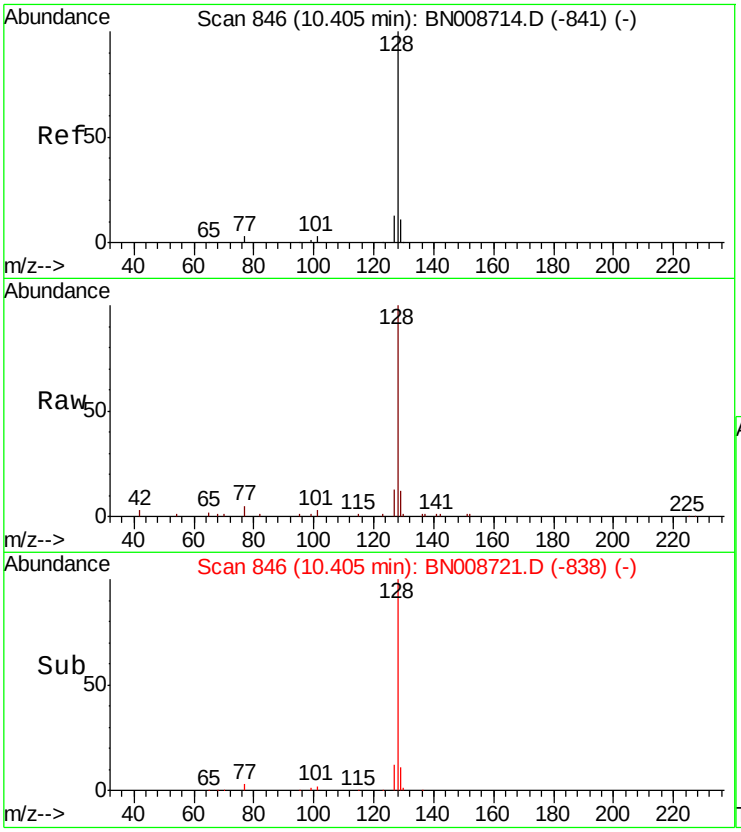


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.73 min Scan# 714
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion: 82 Resp: 5660

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	52.0
54	61.2	50.2	75.4



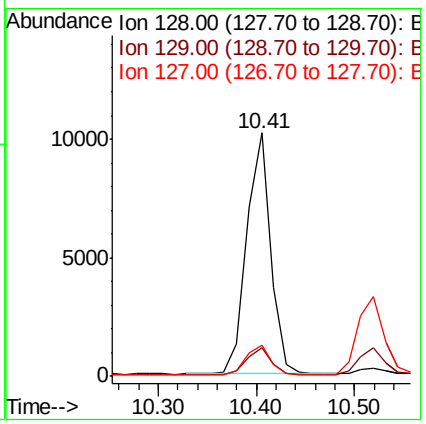


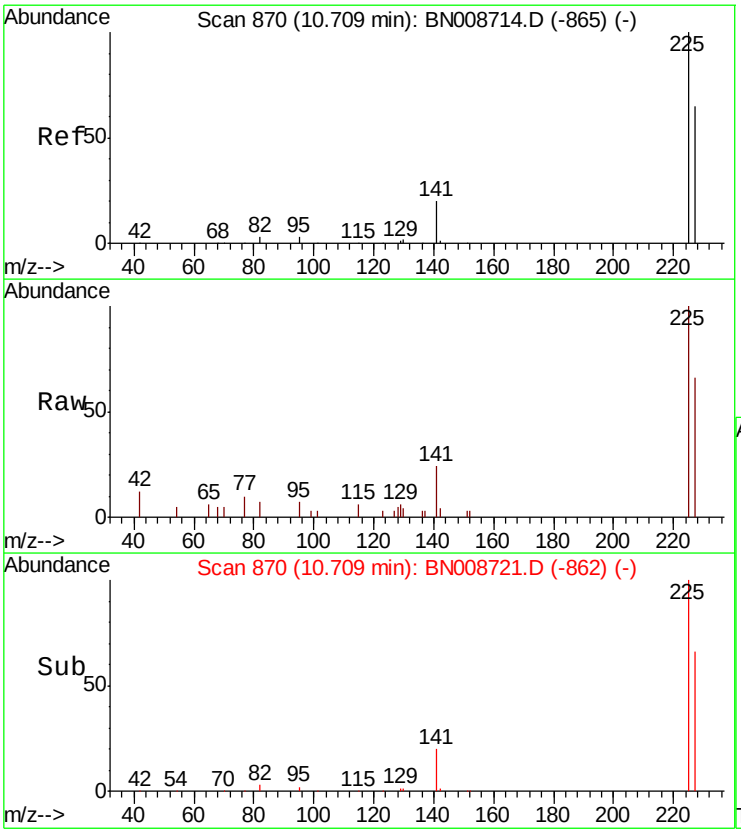
#9
Naphthalene
Concen: 0.406 ng
RT: 10.41 min Scan# 846
Delta R.T. 0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 17249

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	12.7	10.5	15.7

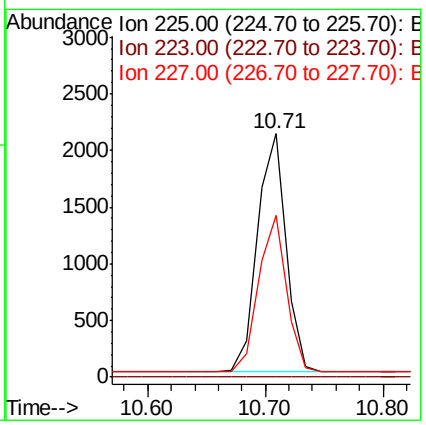


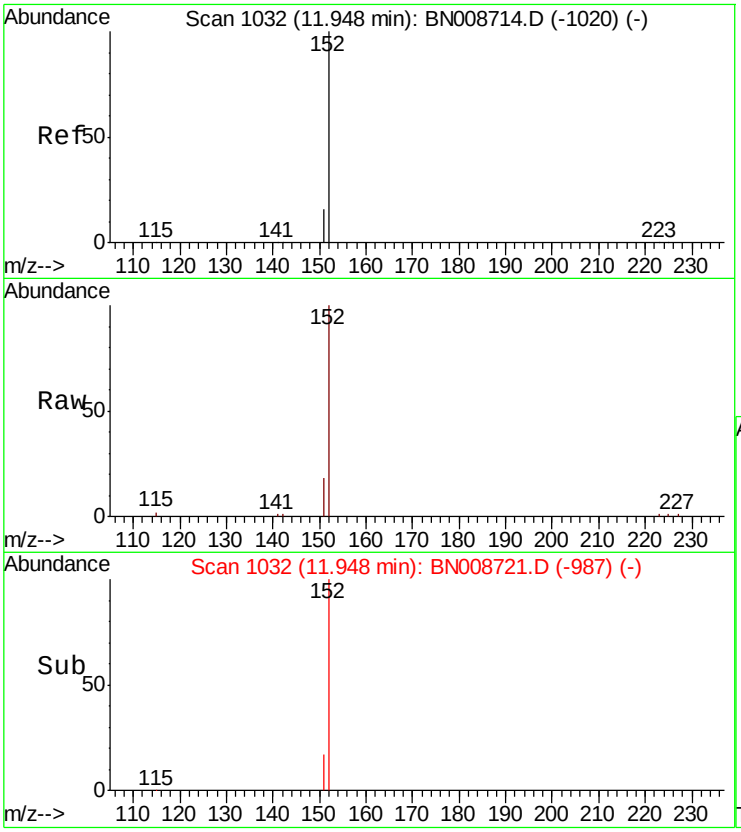


#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.71 min Scan# 870
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:225 Resp: 3557

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.8	77.6



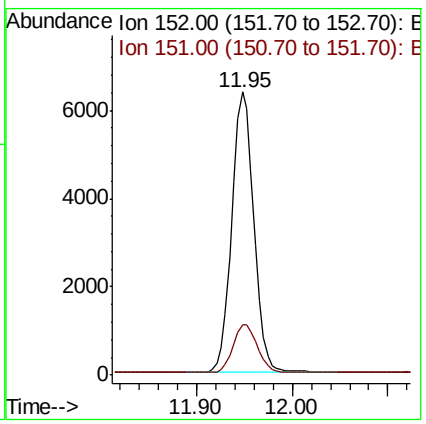


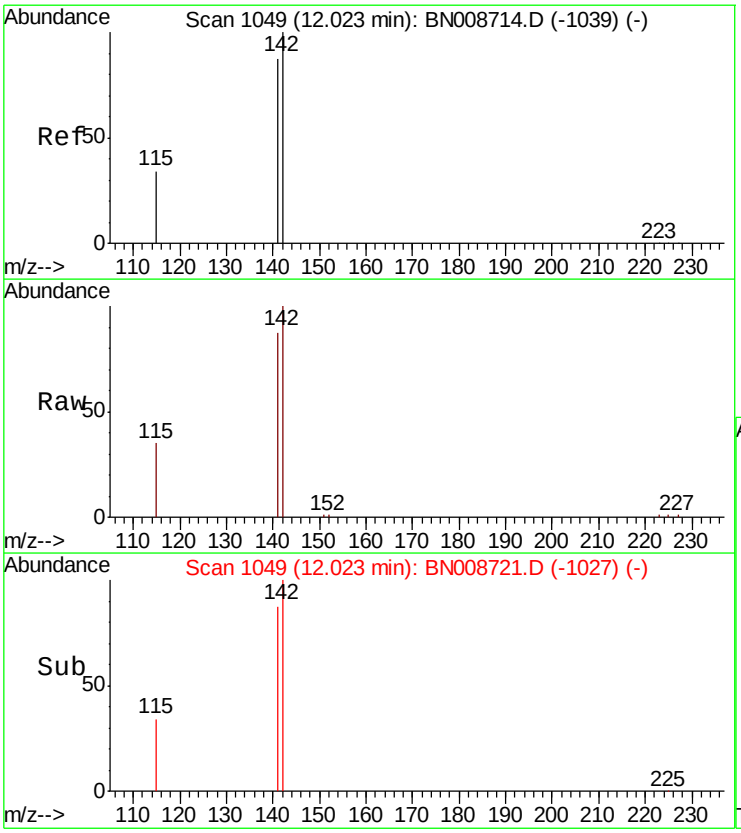
#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 11.95 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10150

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8

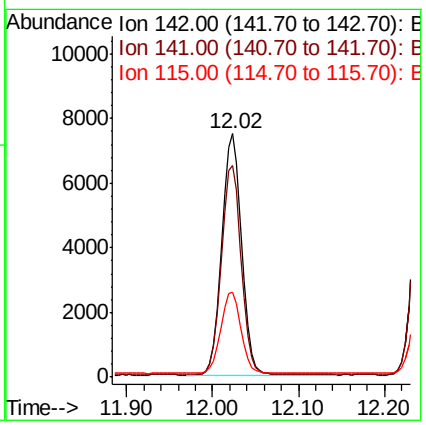


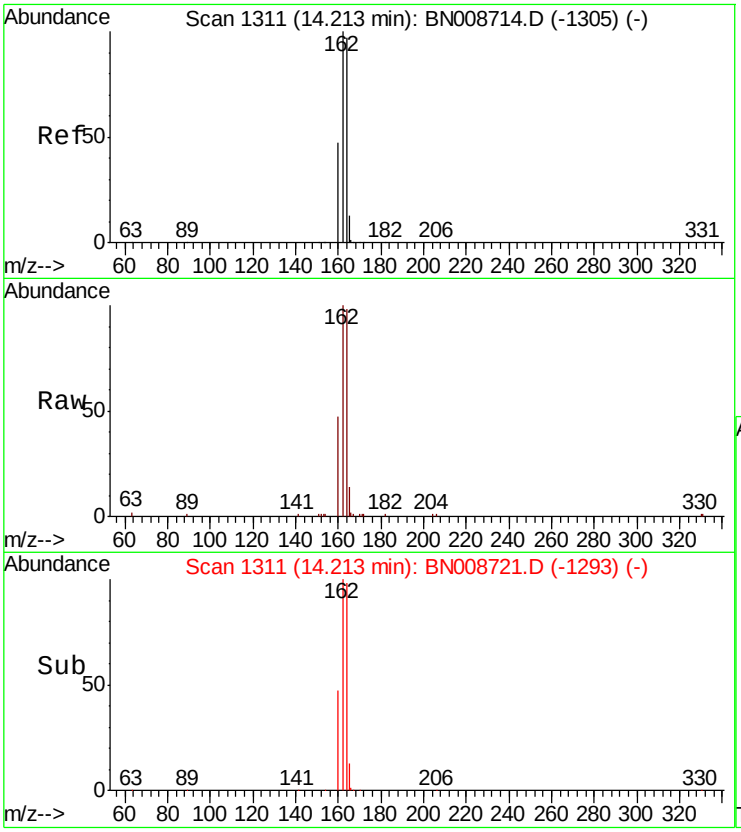


#12
2-Methylnaphthalene
Concen: 0.402 ng
RT: 12.02 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:142 Resp: 11892

Ion	Ratio	Lower	Upper
142	100		
141	87.0	69.8	104.6
115	35.1	28.4	42.6



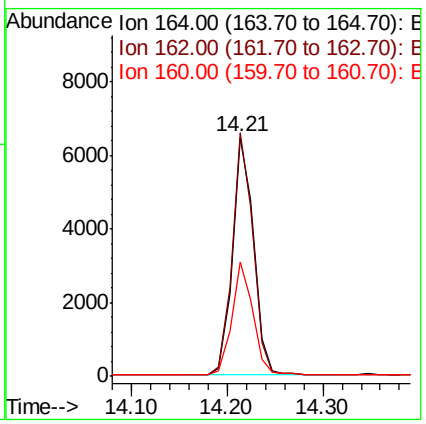


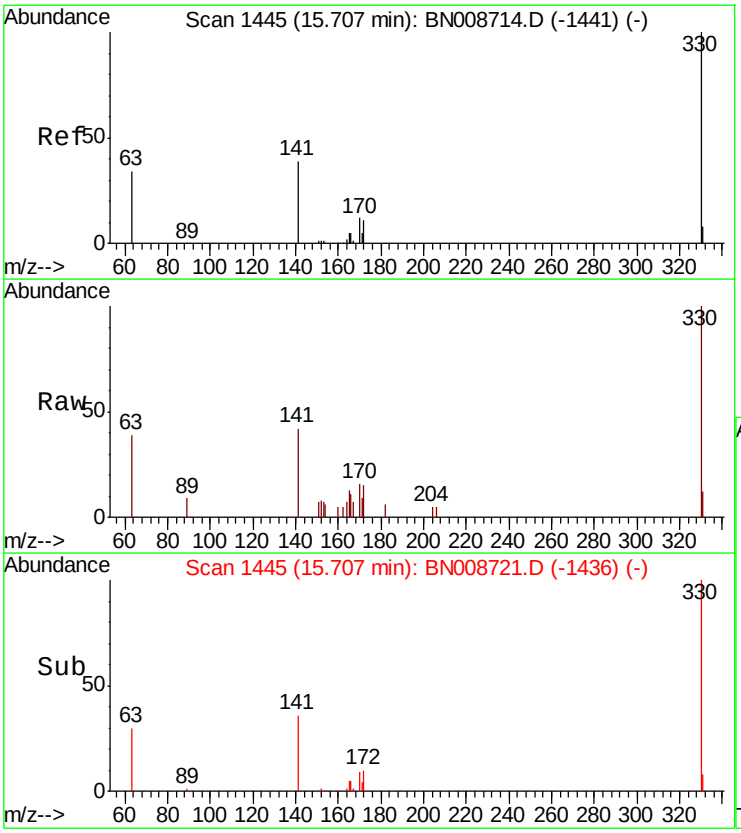
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9803

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.2	123.4
160	48.0	38.7	58.1

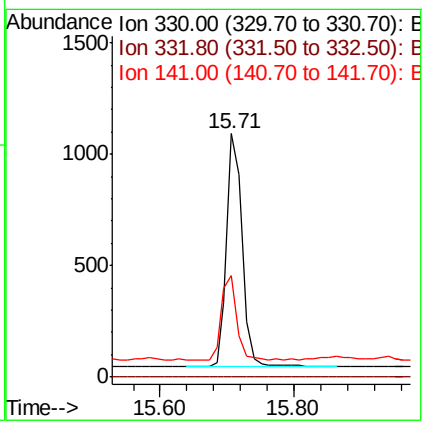


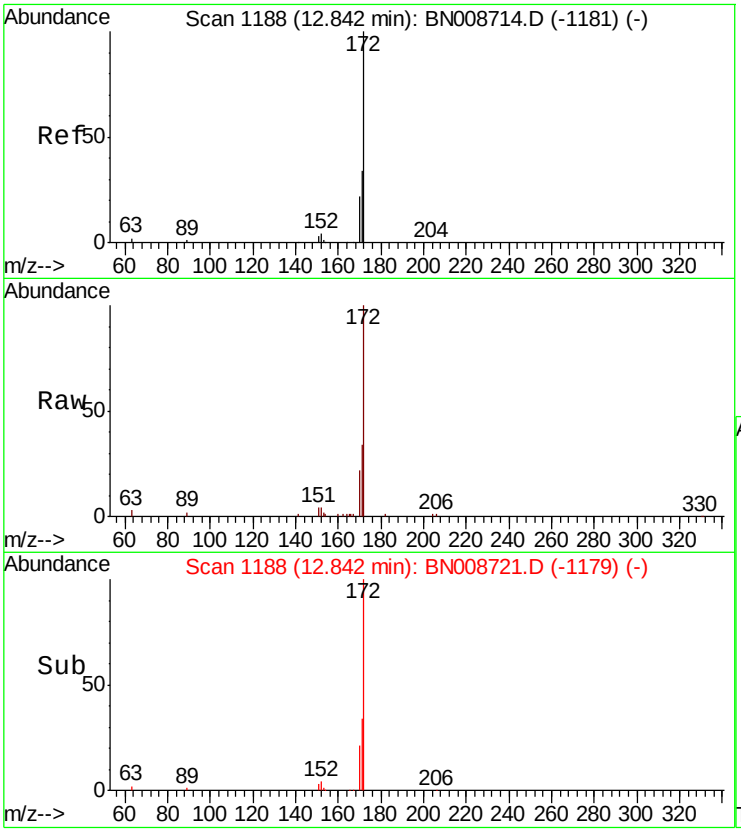


#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:330 Resp: 1690

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.7	29.5	44.3



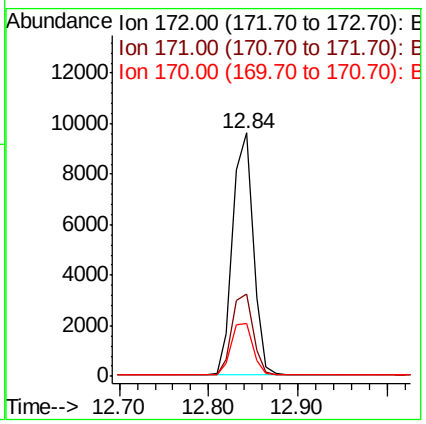


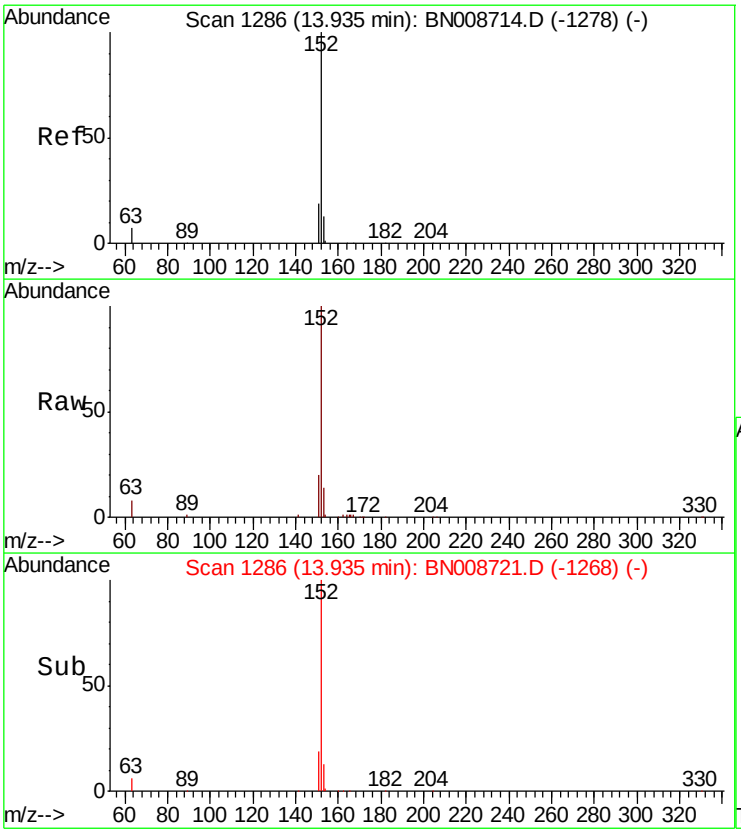
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.84 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 15411

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.3	40.9
170	21.7	17.8	26.6

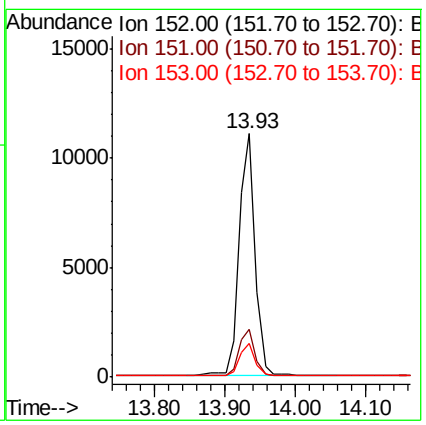


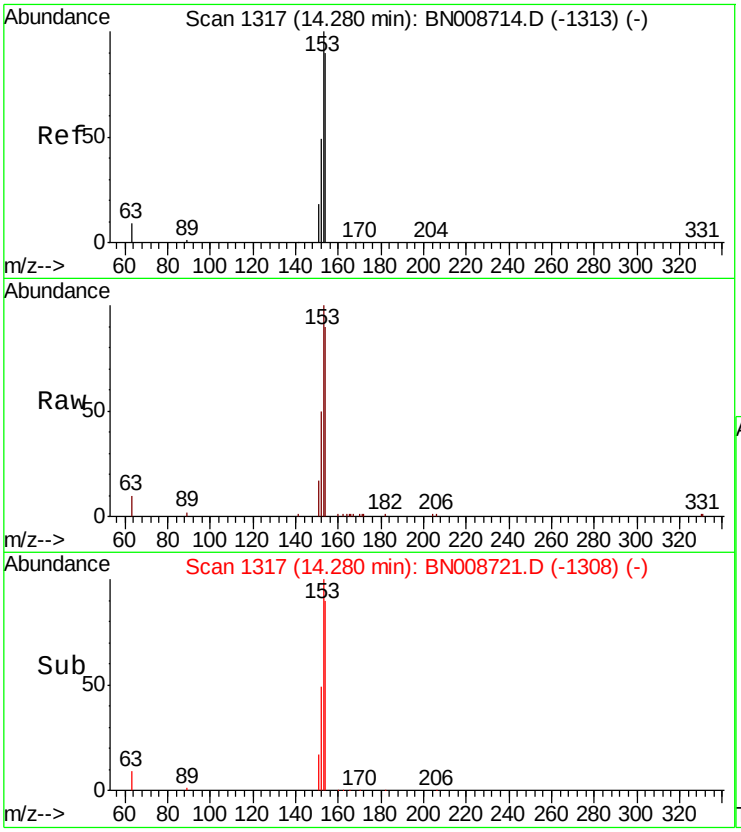


#16
Acenaphthylene
Concen: 0.384 ng
RT: 13.93 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:152 Resp: 17319

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.2	10.3	15.5



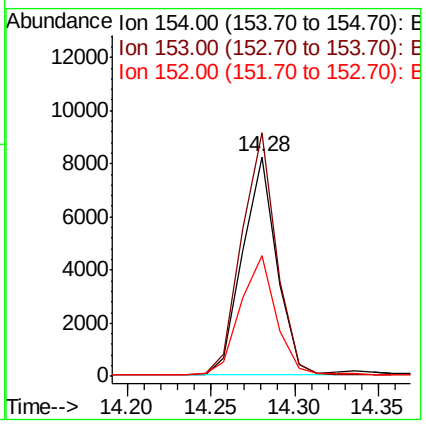


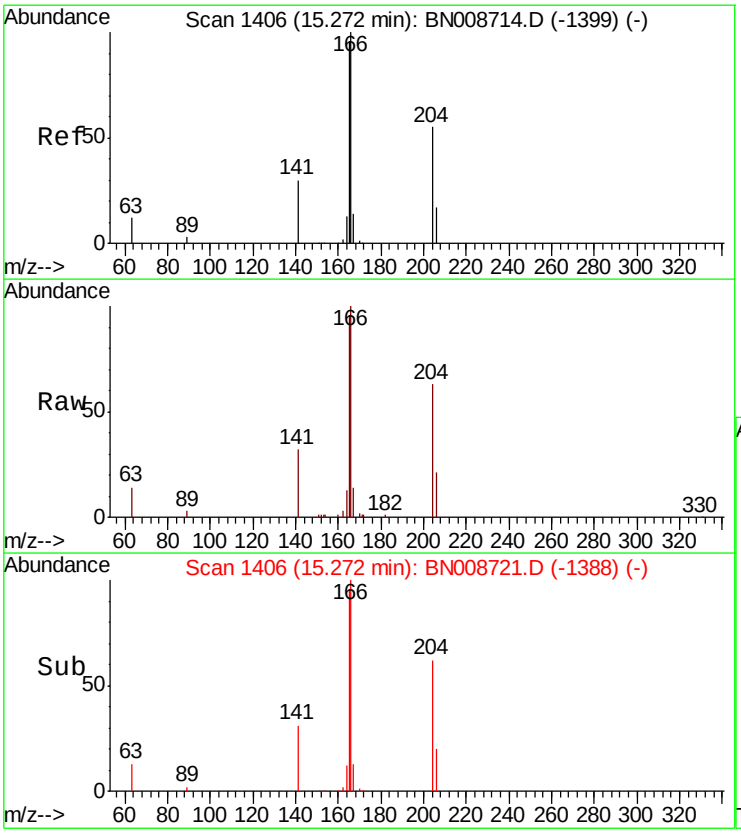
#17
Acenaphthene
Concen: 0.393 ng
RT: 14.28 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 11672

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.6	134.4
152	55.9	44.7	67.1

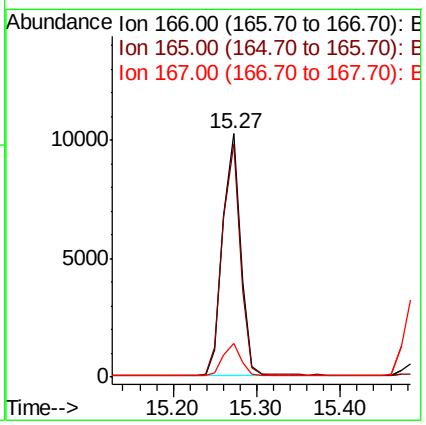


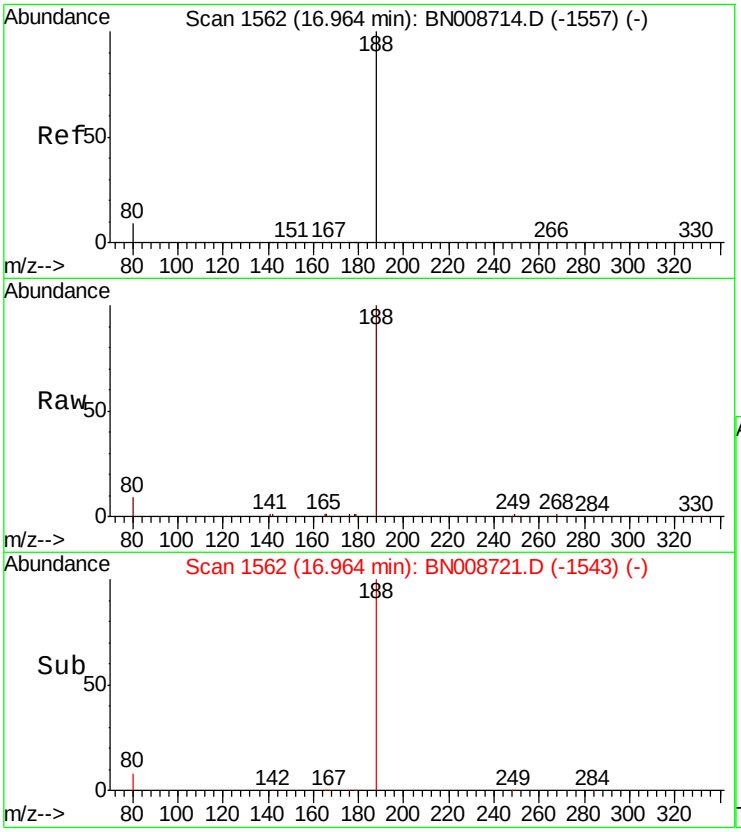


#18
Fluorene
Concen: 0.397 ng
RT: 15.27 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:166 Resp: 15112

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.7	116.5
167	13.5	10.8	16.2



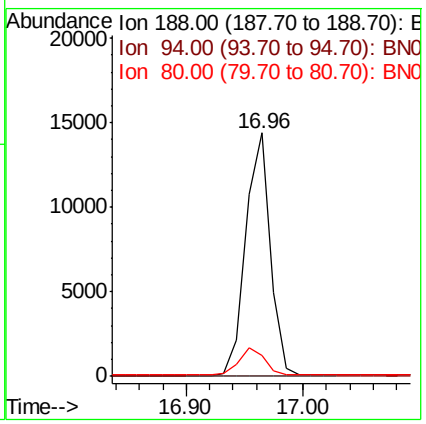


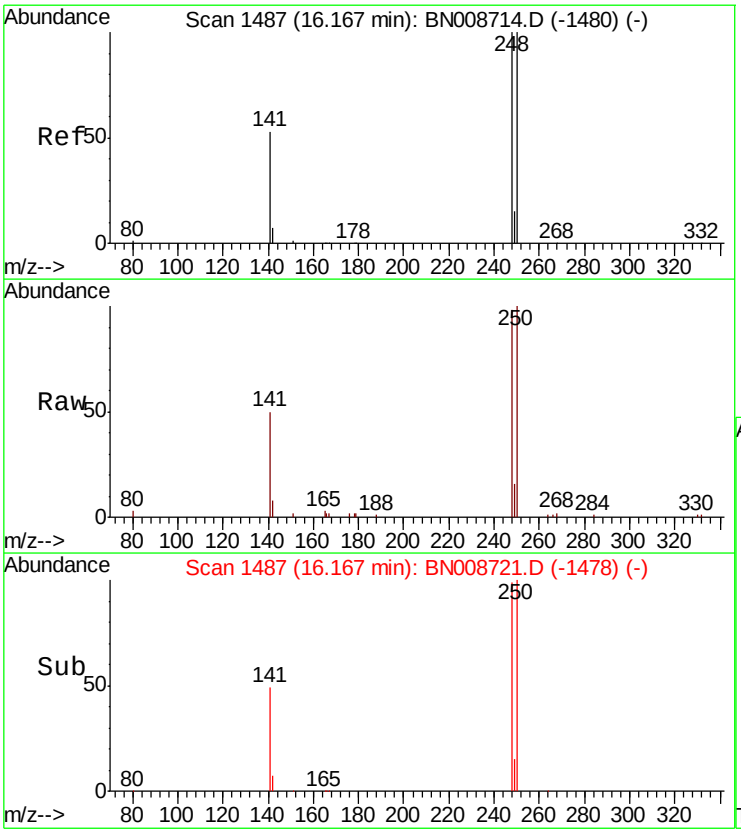
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 20923

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.4	11.0

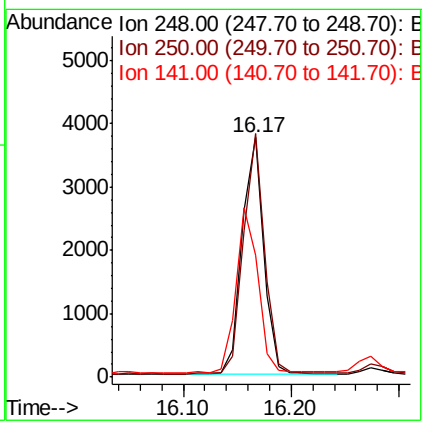


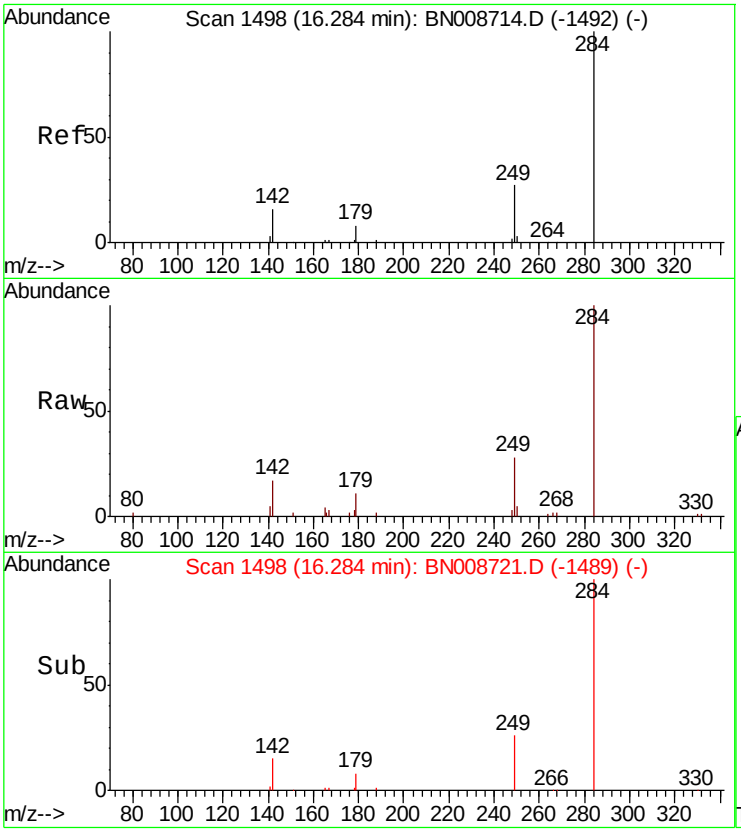


#20
4-Bromophenyl-phenylether
Concen: 0.396 ng
RT: 16.17 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:248 Resp: 5179

Ion	Ratio	Lower	Upper
248	100		
250	101.6	80.5	120.7
141	50.8	43.8	65.6



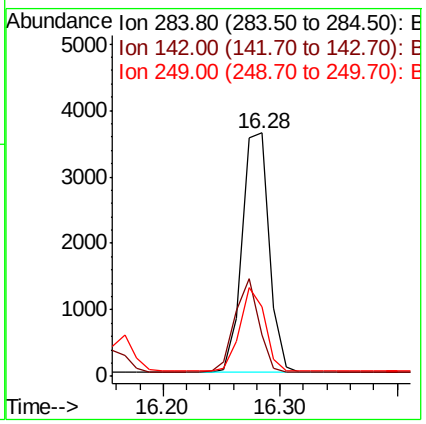


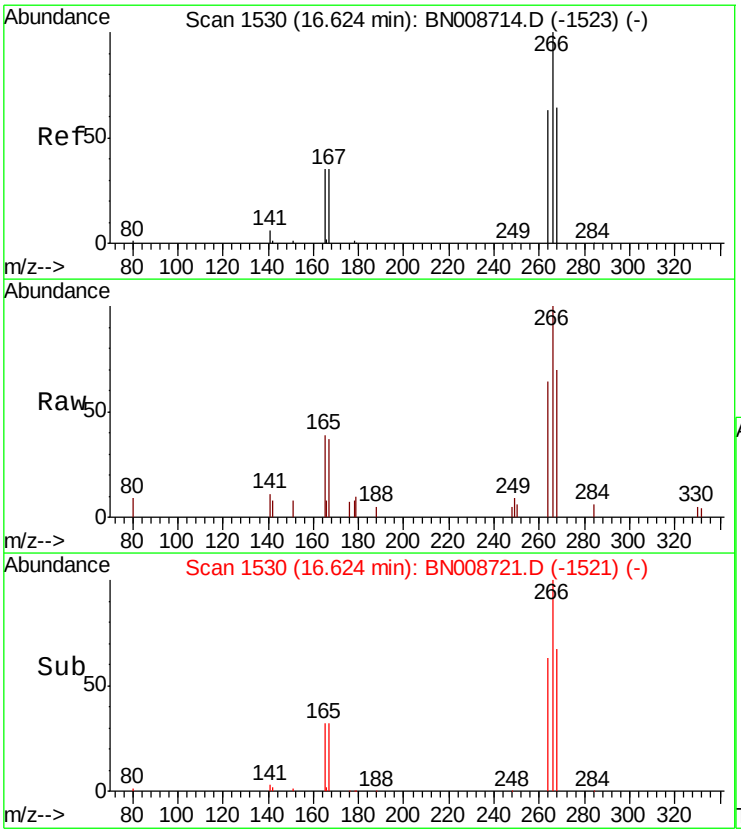
#21
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 5773

Ion	Ratio	Lower	Upper
284	100		
142	34.3	27.4	41.0
249	32.0	25.4	38.0

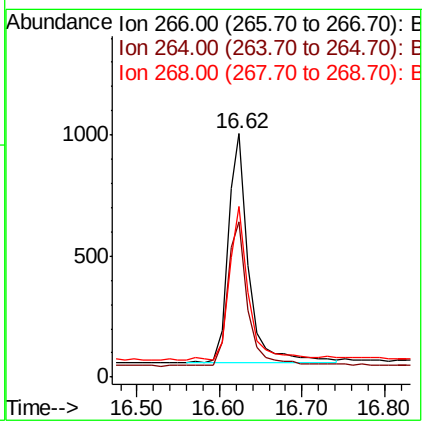


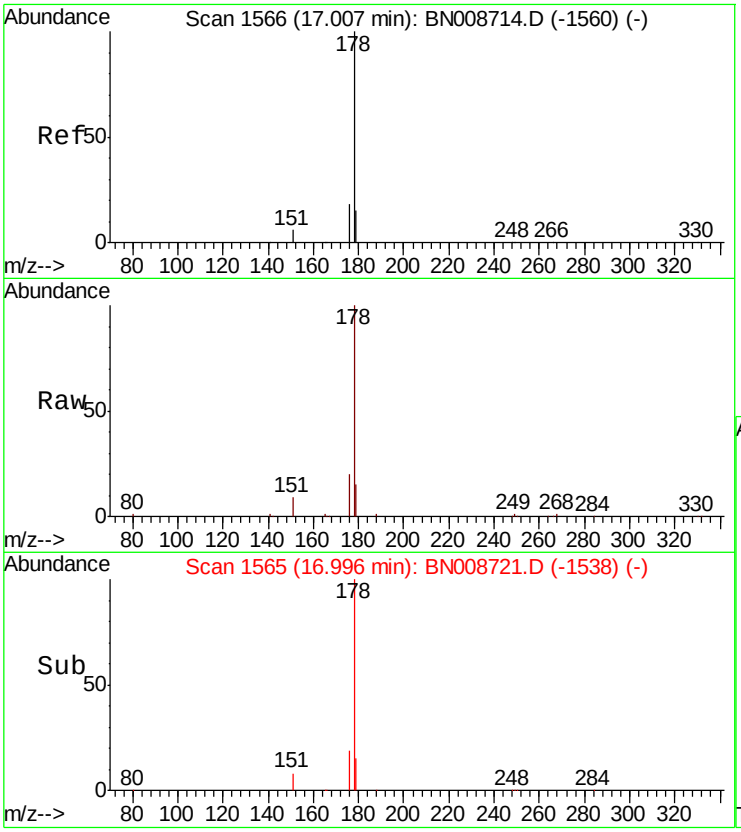


#22
Pentachlorophenol
Concen: 0.322 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:266 Resp: 1658

Ion	Ratio	Lower	Upper
266	100		
264	63.7	51.0	76.4
268	70.2	54.1	81.1



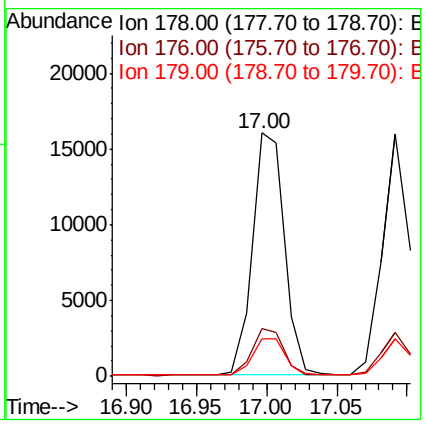


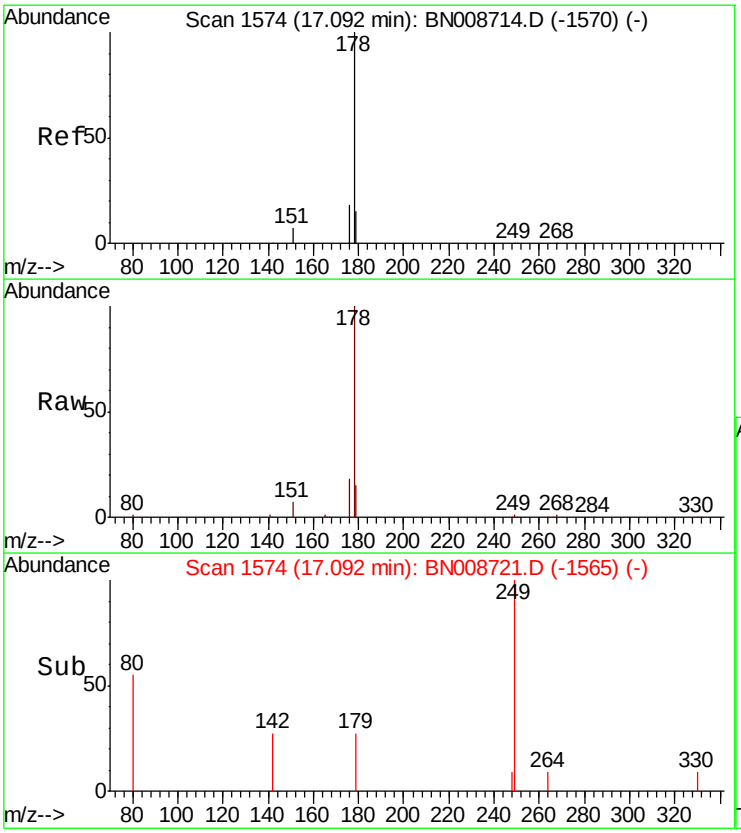
#23
Phenanthrene
Concen: 0.396 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 25526

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.1	12.3	18.5

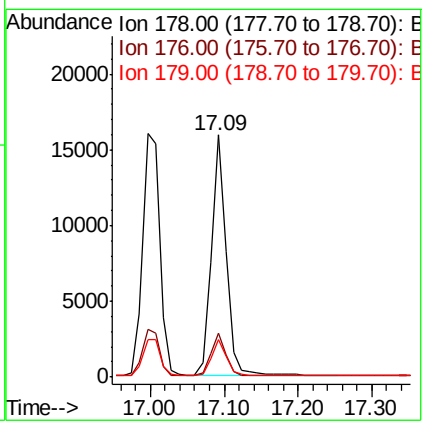


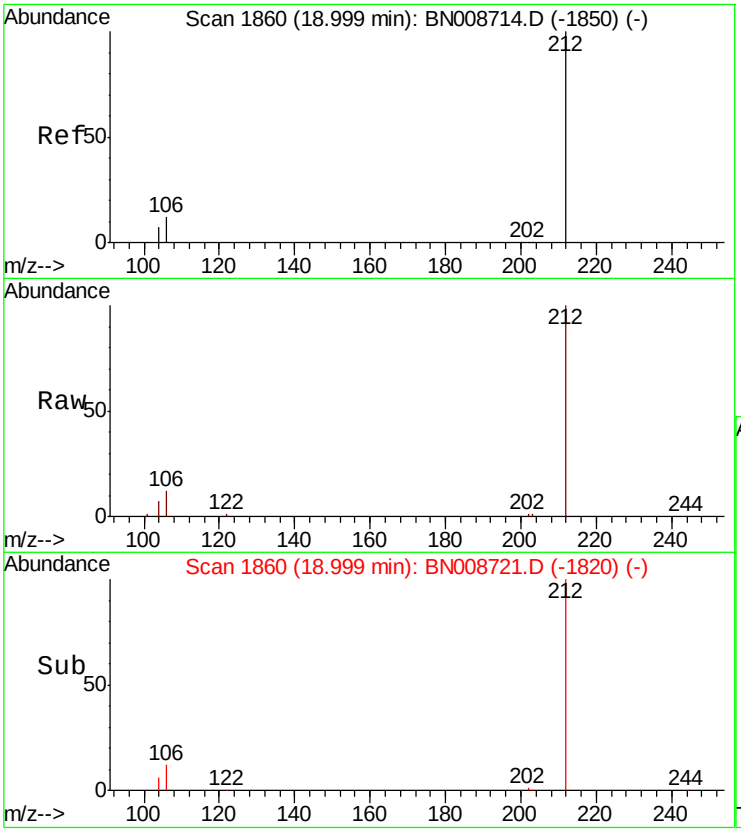


#24
Anthracene
Concen: 0.387 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:178 Resp: 22323

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.4	21.6
179	15.1	12.0	18.0



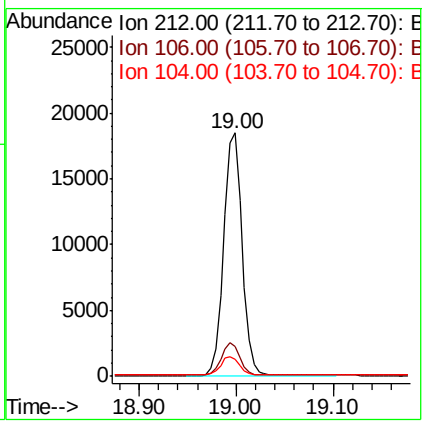


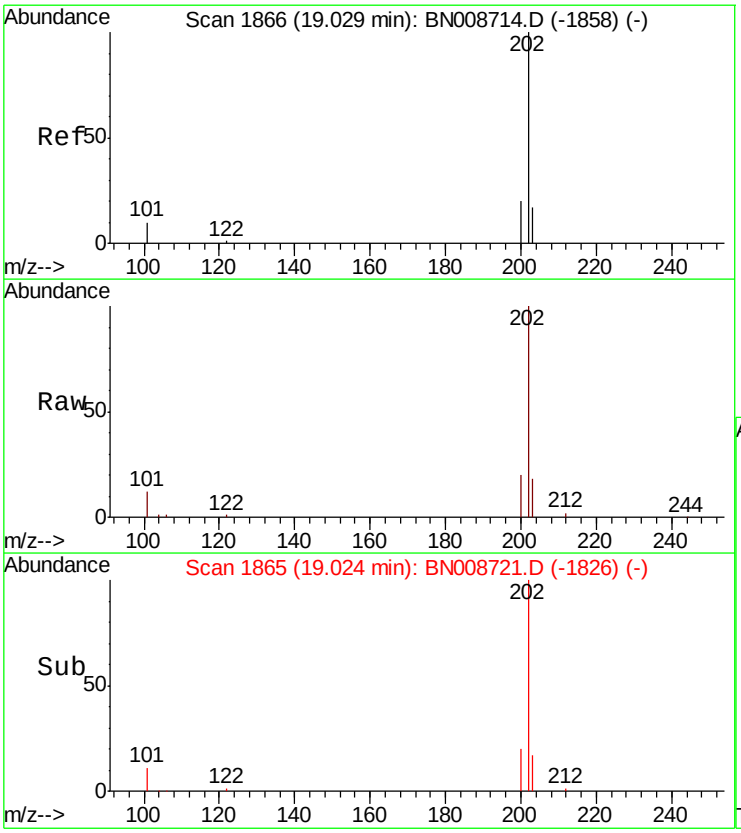
#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.00 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 24420

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.6	15.8
104	7.4	6.0	9.0

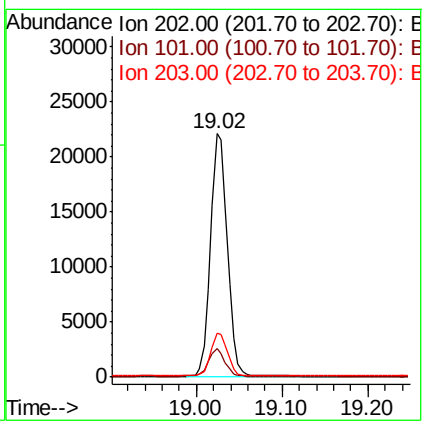


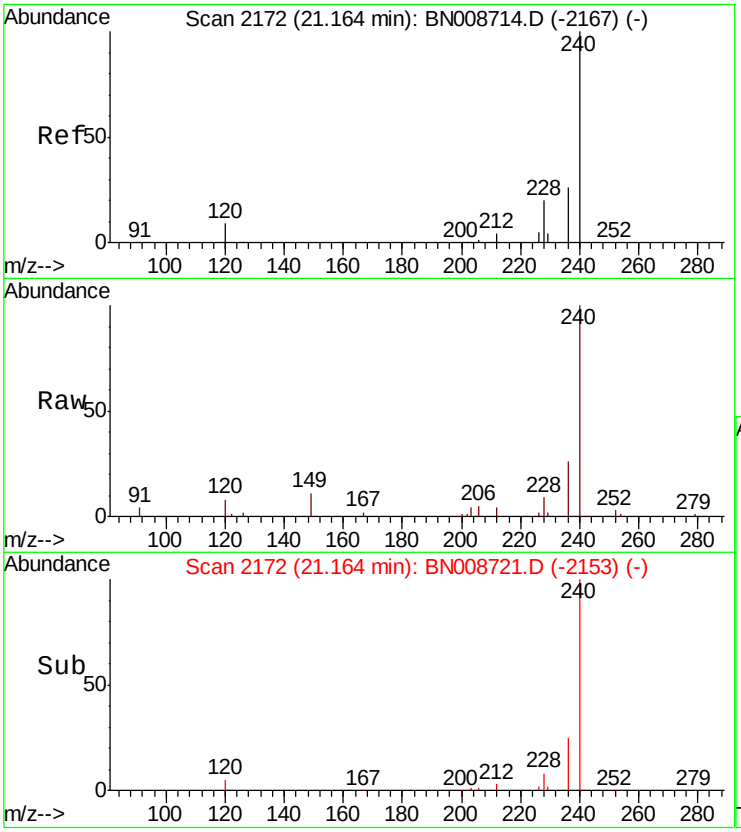


#26
Fluoranthene
Concen: 0.395 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:202 Resp: 29908

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.4
203	17.3	13.8	20.6



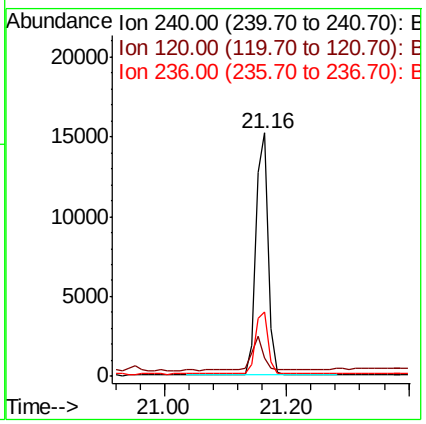


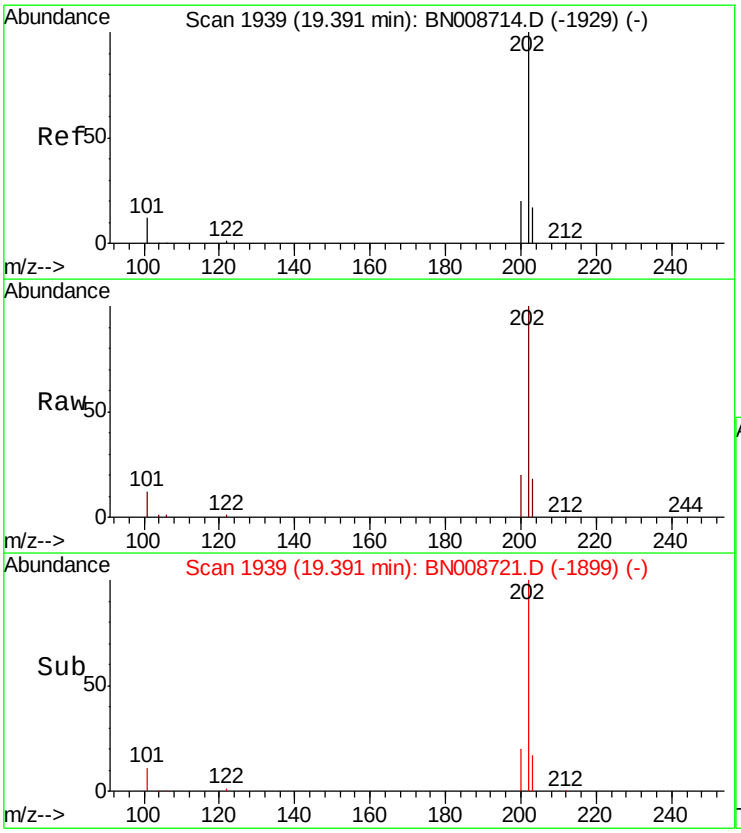
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 21240

Ion	Ratio	Lower	Upper
240	100		
120	7.6	9.0	13.4#
236	26.3	21.8	32.6

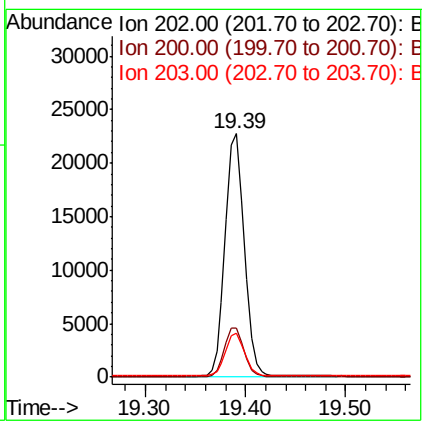


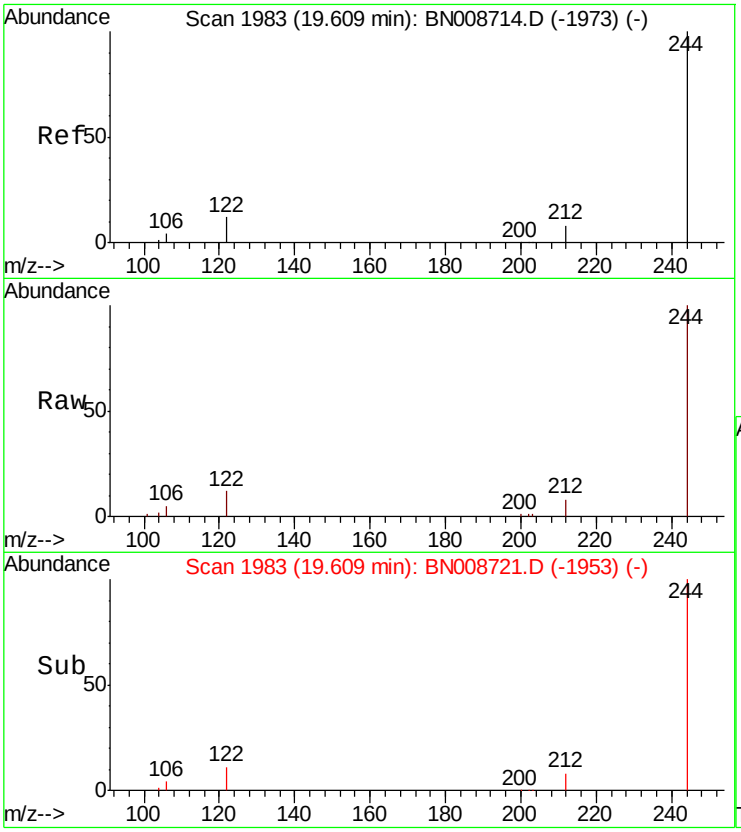


#28
Pyrene
Concen: 0.383 ng
RT: 19.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:202 Resp: 30032

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.4	14.0	21.0



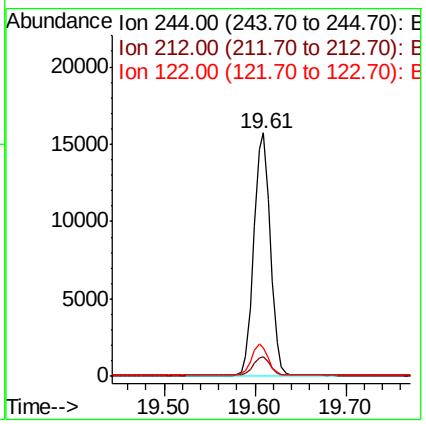


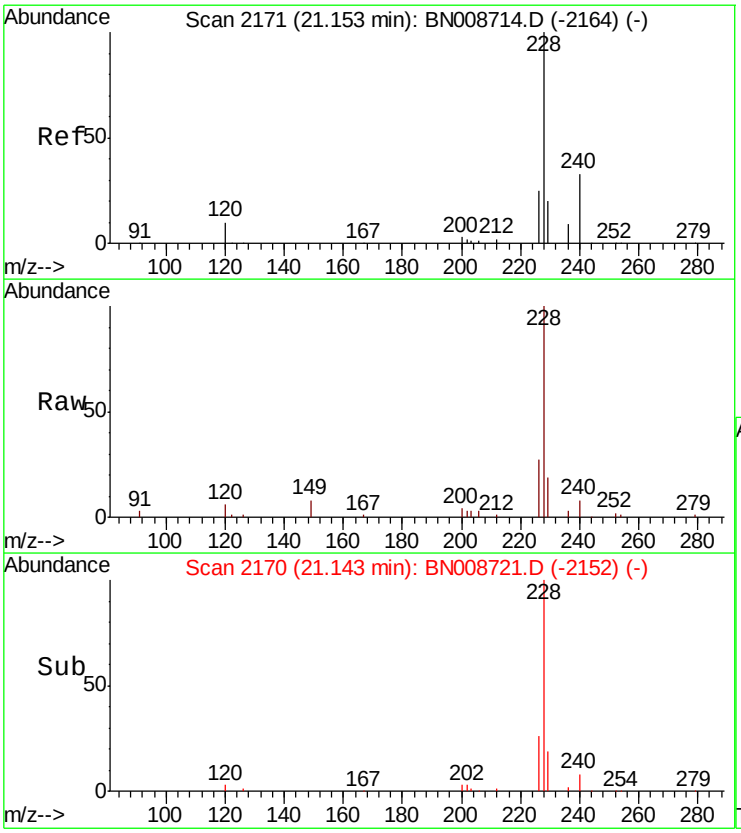
#29
Terphenyl-d14
Concen: 0.387 ng
RT: 19.61 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 19796

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	11.6	10.1	15.1

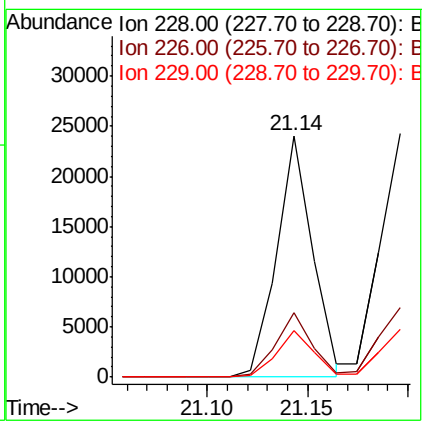


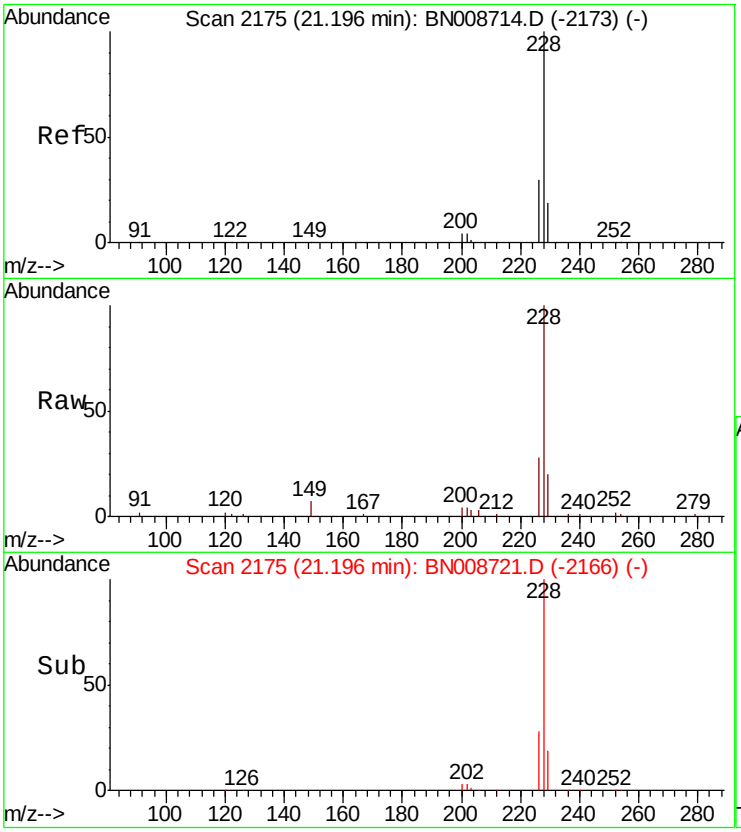


#30
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:228 Resp: 29650

Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.3	30.5
229	19.3	16.2	24.4



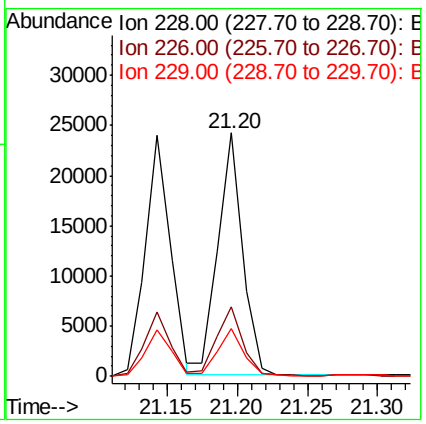


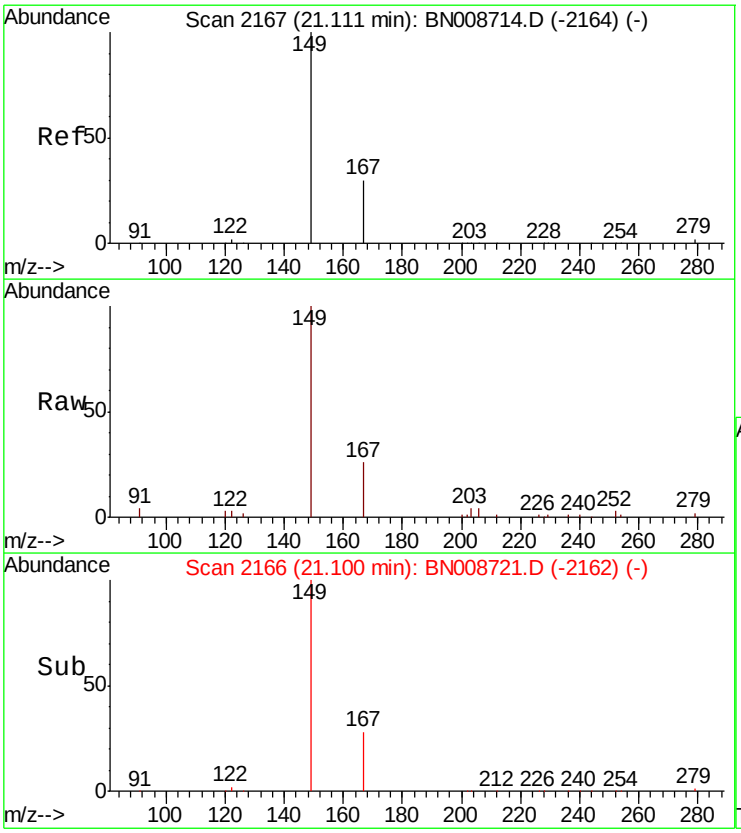
#31
Chrysene
Concen: 0.396 ng
RT: 21.20 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 29797

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.8	35.8
229	19.6	15.4	23.0

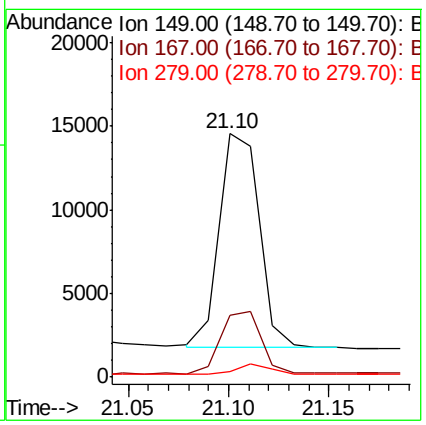


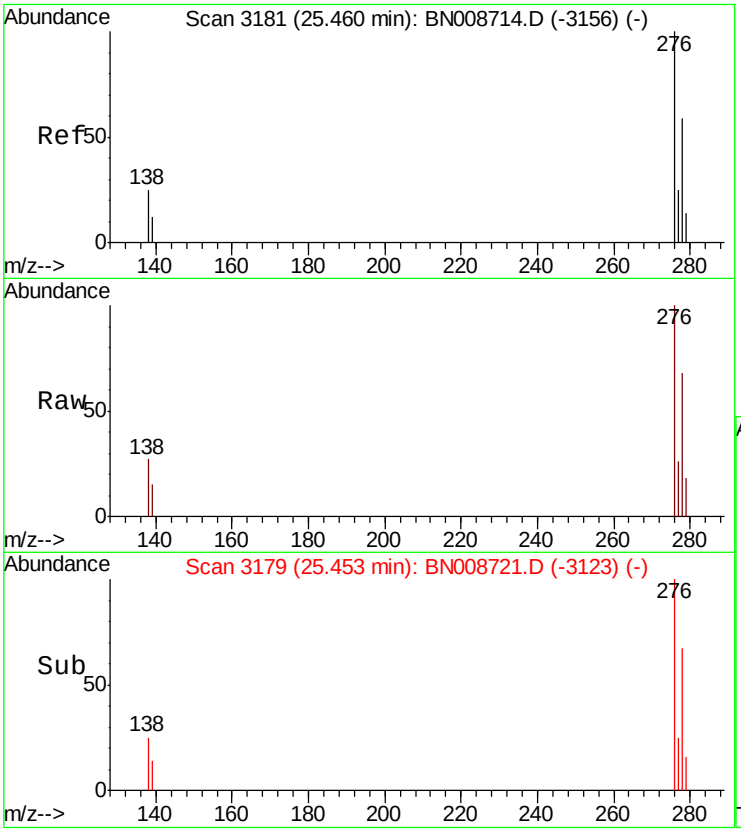


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.353 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:149 Resp: 17806

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.5	35.3
279	4.0	3.4	5.0



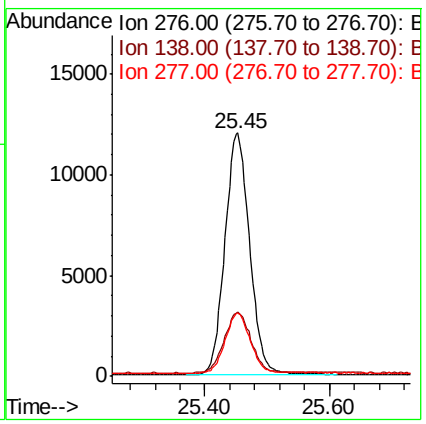


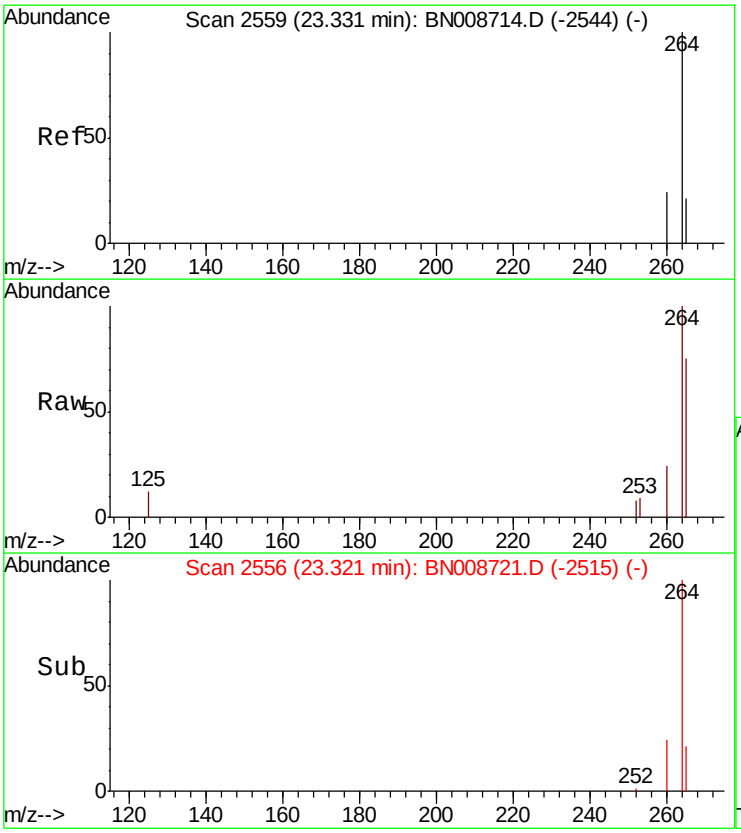
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng
RT: 25.45 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 33090

Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.0	31.6
277	24.9	19.9	29.9

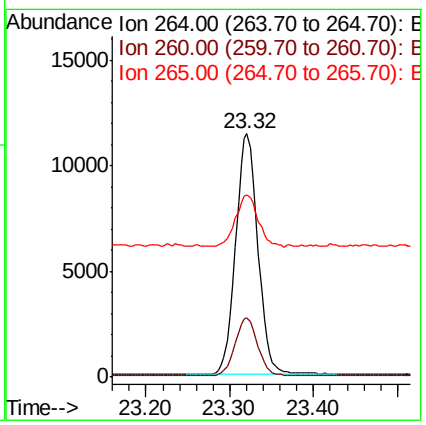


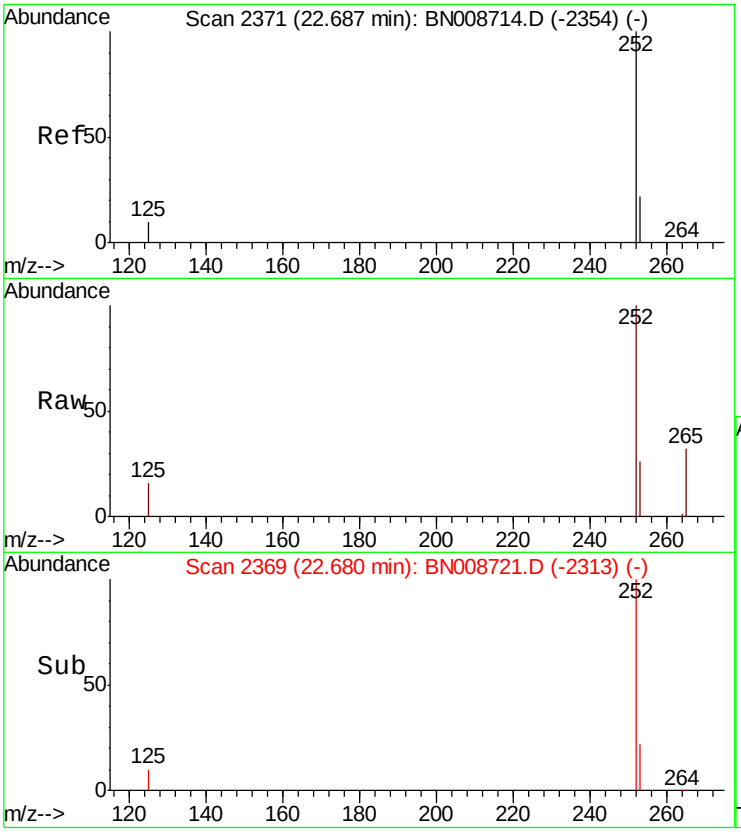


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:264 Resp: 20958

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	74.9	61.8	92.6



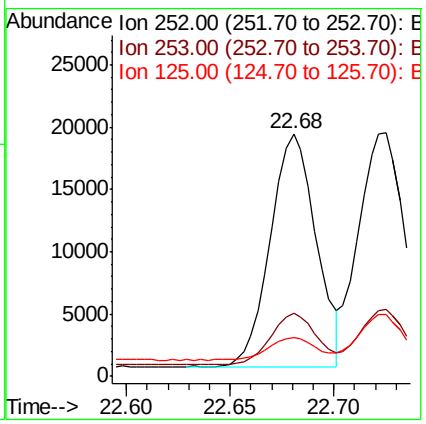


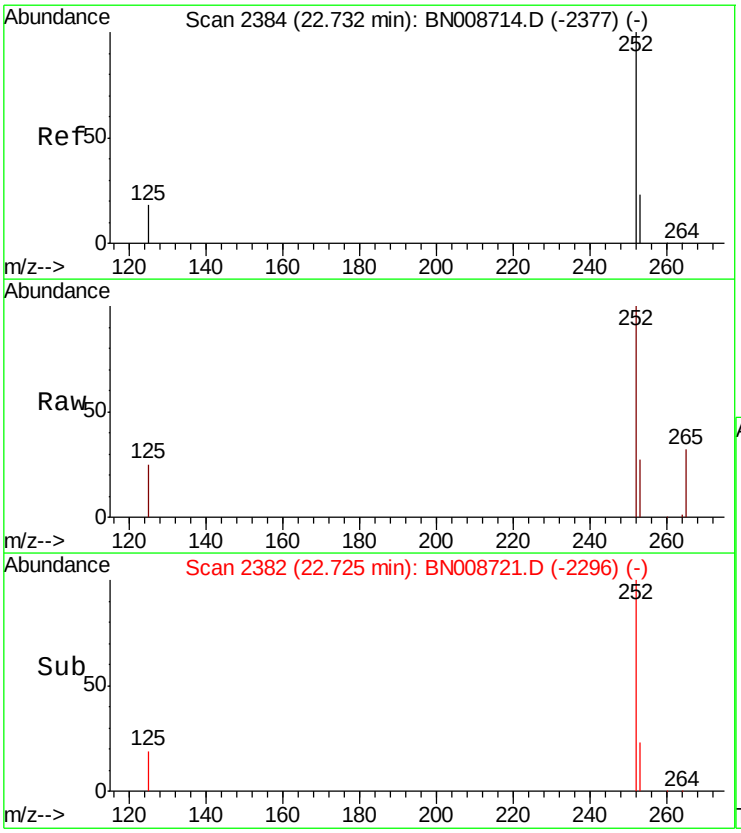
#35
Benzo(b)fluoranthene
Concen: 0.395 ng
RT: 22.68 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 28638

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.8	31.2
125	16.2	13.5	20.3

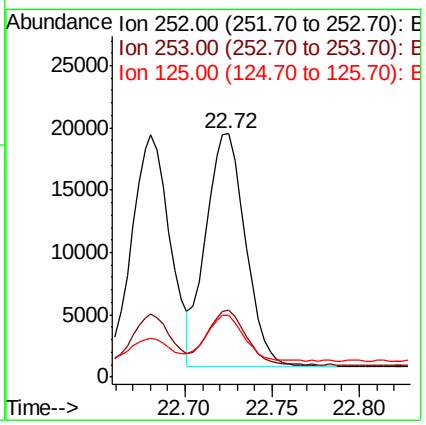


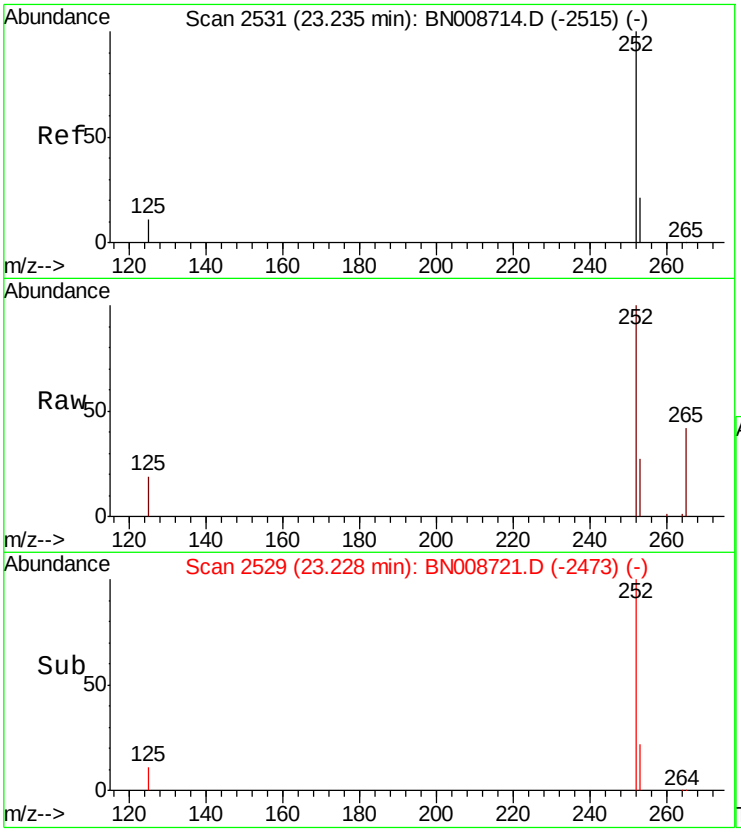


#36
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 22.72 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:252 Resp: 29654

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.8	32.6
125	25.4	18.2	27.4



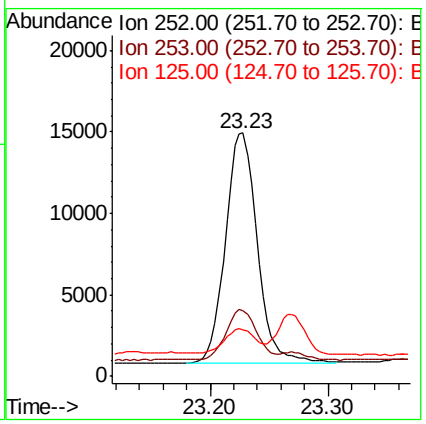


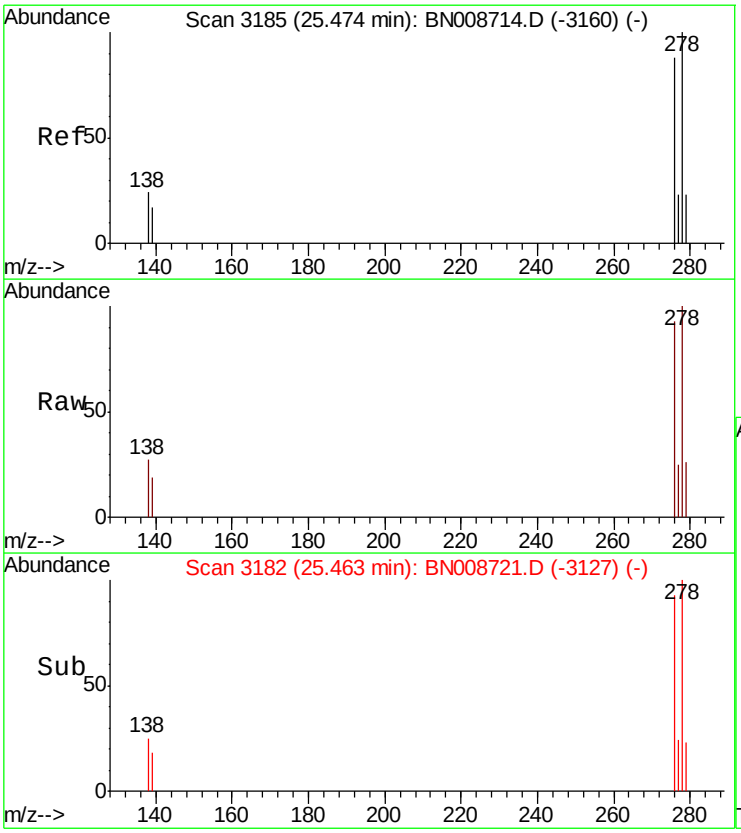
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.23 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 26521

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.9	32.9
125	19.2	16.3	24.5

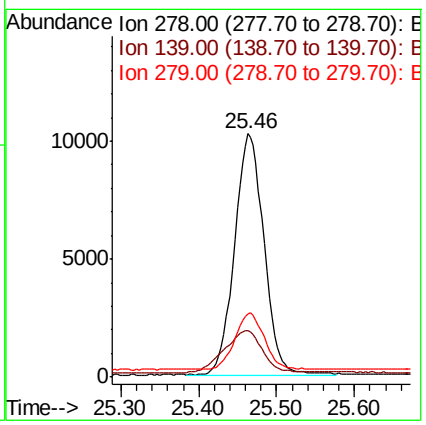


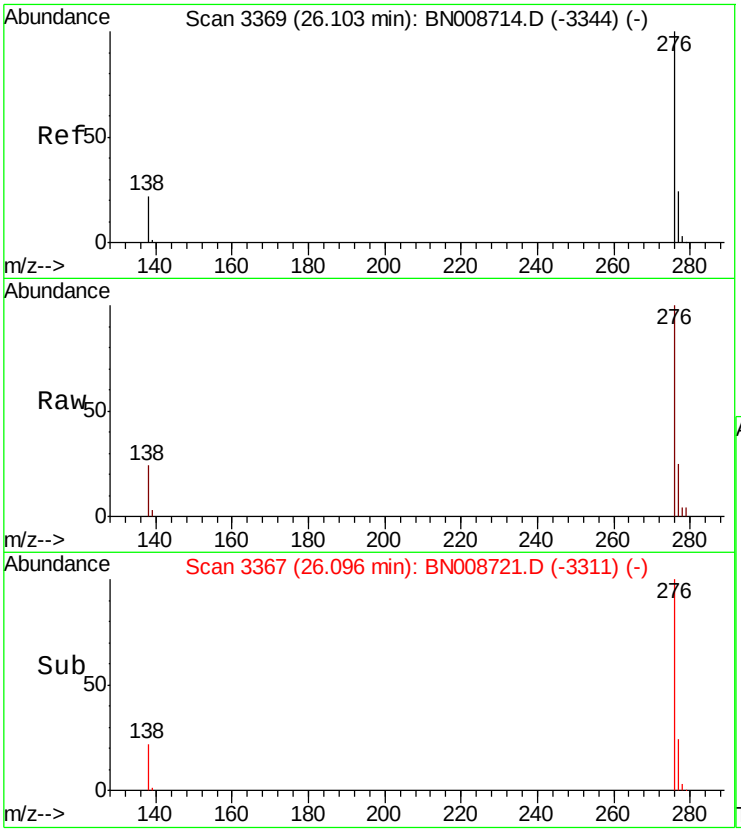


#38
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 25.46 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:278 Resp: 26832

Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.4	23.2
279	25.8	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 26.10 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 26567

Ion	Ratio	Lower	Upper
276	100		
277	25.4	20.4	30.6
138	23.6	19.2	28.8