Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020215\
Data File : BE089473.D
Acq On : 3 Feb 2015 3:40
Operator : TP/IZ
Sample : G1110-10
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 03 05:12:12 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 03 04:09:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	152	80136	5.00	ng		0.00
7) Naphthalene-d8	12.49	136	265826	5.00	ng		0.00
13) Acenaphthene-d10	16.68	164	132635	5.00	ng		0.00
17) Phenanthrene-d10	19.99	188	320942	5.00	ng		0.00
20) Chrysene-d12	23.84	240	484842	5.00	ng		0.00
27) Perylene-d12	25.57	264	565550	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.75	112	85537	3.19	ng		0.00
4) Phenol-d6	8.88	99	57019	1.82	ng		0.00
8) Nitrobenzene-d5	10.85	82	155567	8.05	ng		0.00
14) 2,4,6-Tribromophenol	18.59	330	78419	23.45	ng		0.00
15) 2-Fluorobiphenyl	15.13	172	228179	6.15	ng		0.00
22) Terphenyl-d14	22.49	244	547015	9.98	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.61	42	31	0.11	ng	#	1
5) Phenol	8.91	94	17200	0.51	ng		96
6) bis(2-Chloroethyl)ether	9.08	93	300	0.01	ng	#	1
9) Nitrobenzene	10.85	77	649	0.03	ng	#	33
10) 2,4-Dimethylphenol	11.87	122	299	0.02	ng		95
11) 2,4-Dichlorophenol	12.21	162	19	0.00	ng	#	1
16) 2,4-Dinitrophenol	16.93	184	15	Below	Cal	#	1
18) Hexachlorobenzene	19.24	284	26	0.00	ng	#	1
19) Pentachlorophenol	19.58	266	33	0.09	ng		93
21) Benzidine	22.15	184	680	0.33	ng	#	1
23) Benzo(a)anthracene	23.84	228	10028	0.03	ng	#	60
24) 3,3'-Dichlorobenzidine	23.79	252	474	0.20	ng	#	37
25) Chrysene	23.84	228	10028	0.02	ng	#	64
26) Indeno(1,2,3-cd)pyrene	27.07	276	781	0.22	ng	#	69
28) Benzo(b)fluoranthene	25.10	252	550	0.26	ng	#	1
29) Benzo(k)fluoranthene	25.13	252	710	0.01	ng	#	1
30) Benzo(a)pyrene	25.49	252	803	0.24	ng	#	1
31) Dibenzo(a,h)anthracene	27.10	278	519	0.22	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020215\
Data File : BE089473.D
Acq On : 3 Feb 2015 3:40
Operator : TP/IZ
Sample : G1110-10
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_E
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QLast Update : Tue Feb 03 04:09:03 2015
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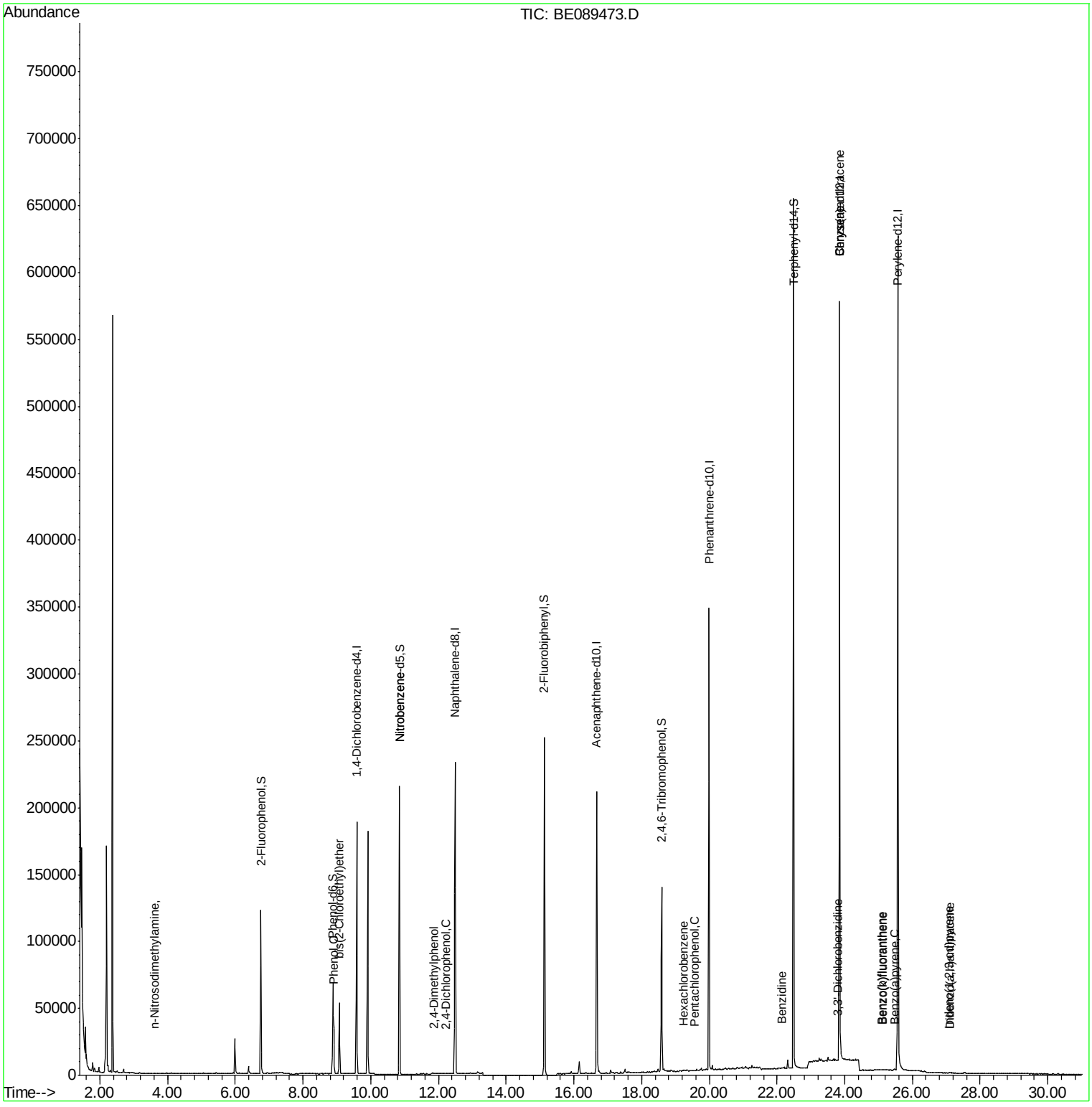
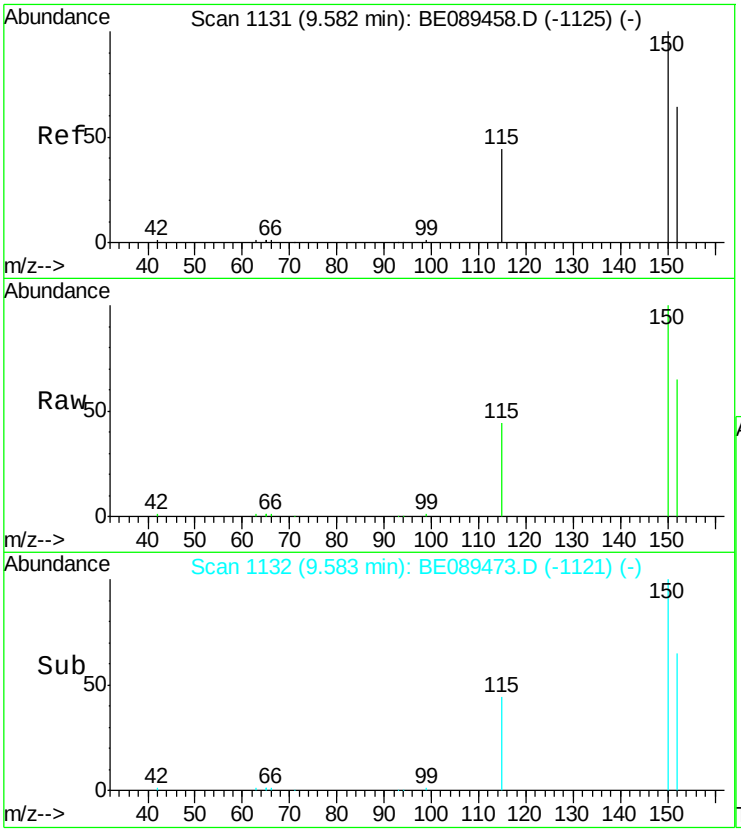


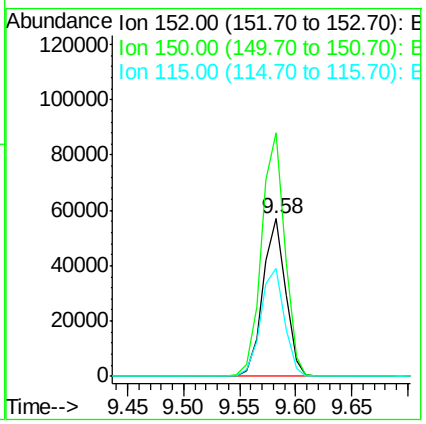


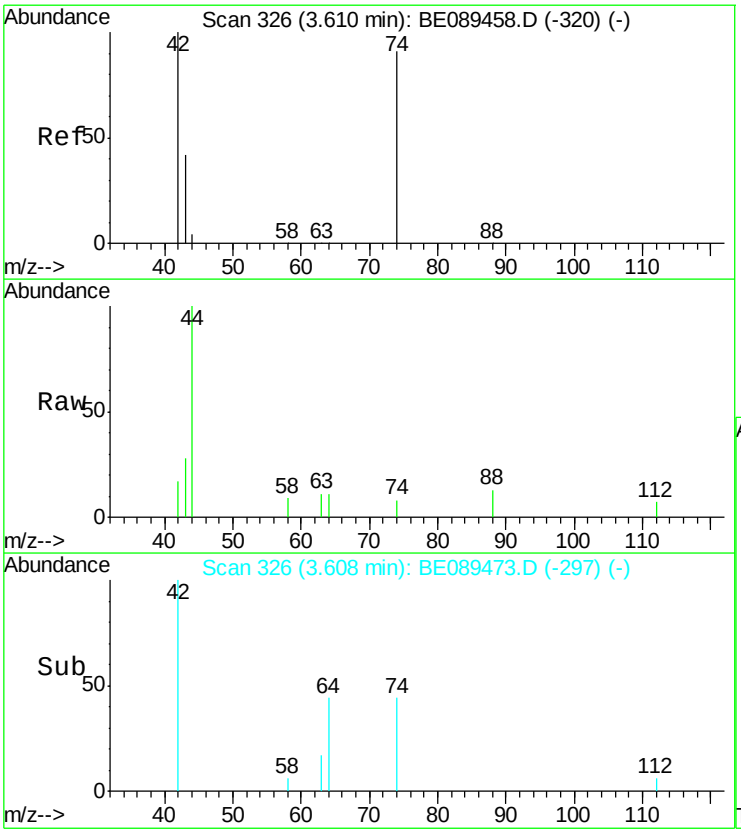
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.58 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 80136

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	68.1	55.4	83.0

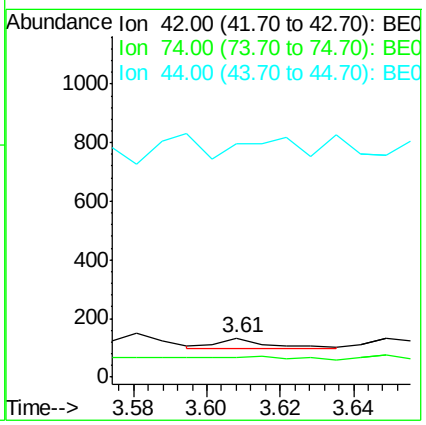


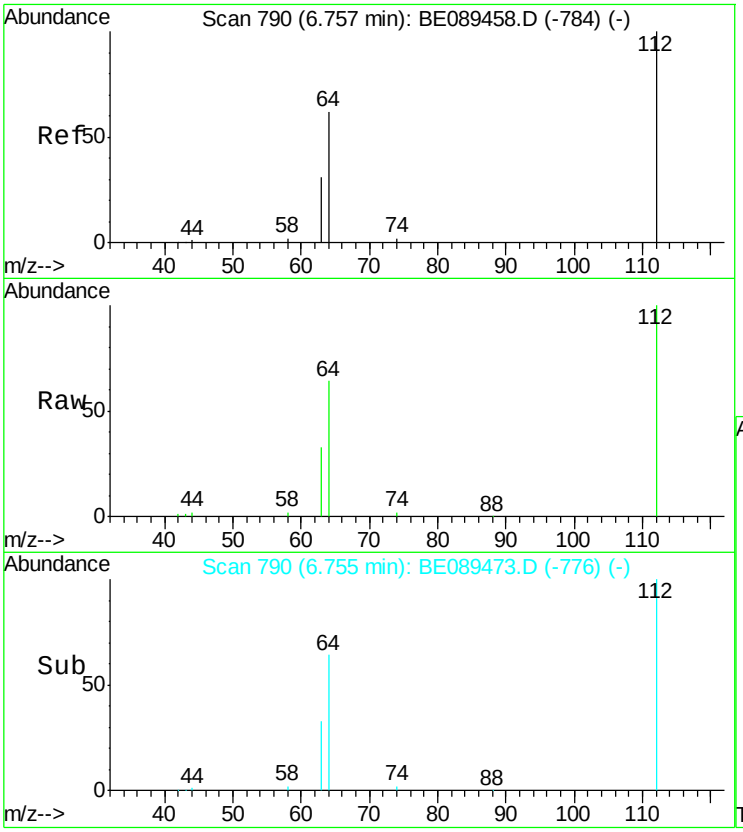


#2
n-Nitrosodimethylamine
Concen: 0.11 ng
RT: 3.61 min Scan# 326
Delta R.T. -0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Tgt Ion: 42 Resp: 31

Ion	Ratio	Lower	Upper
42	100		
74	50.0	72.1	108.1#
44	595.5	28.0	42.0#



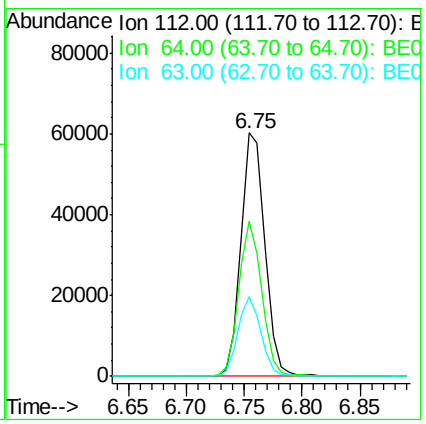


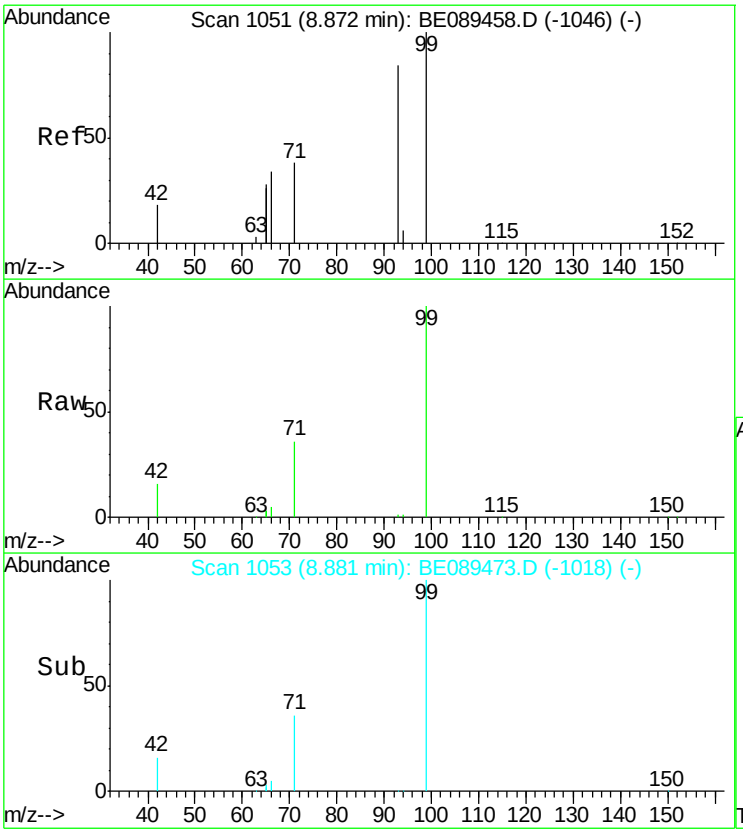
#3
2-Fluorophenol
Concen: 3.19 ng
RT: 6.75 min Scan# 790
Delta R.T. -0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 85537

Ion	Ratio	Lower	Upper
112	100		
64	63.9	49.8	74.8
63	33.0	24.9	37.3

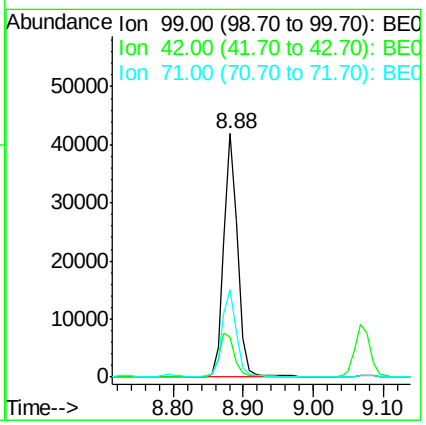


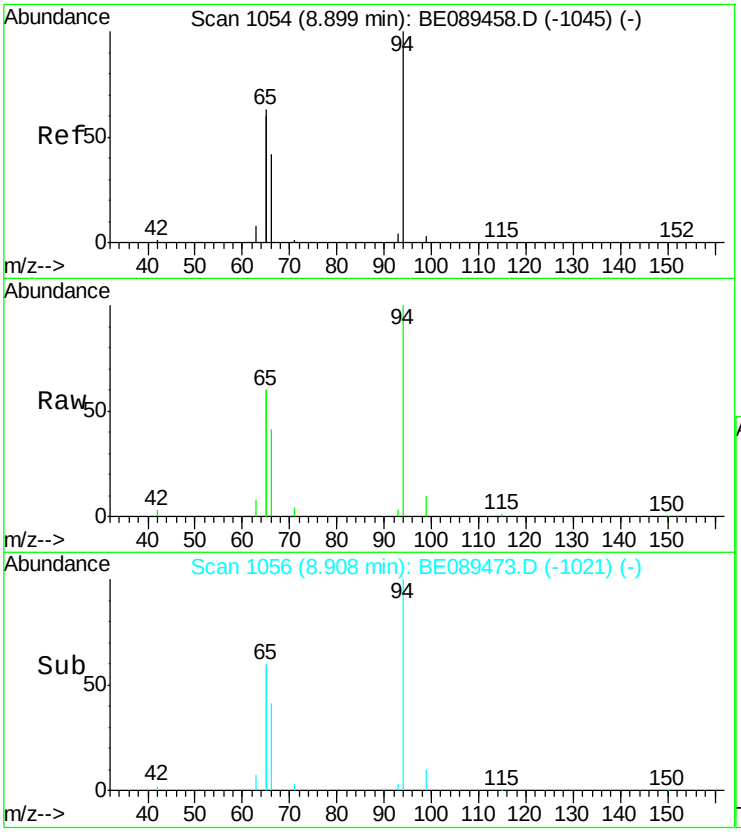


#4
Phenol-d6
Concen: 1.82 ng
RT: 8.88 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Tgt Ion: 99 Resp: 57019

Ion	Ratio	Lower	Upper
99	100		
42	16.5	15.0	22.4
71	36.1	30.6	46.0



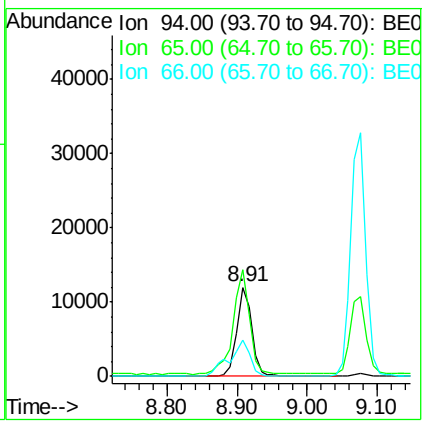


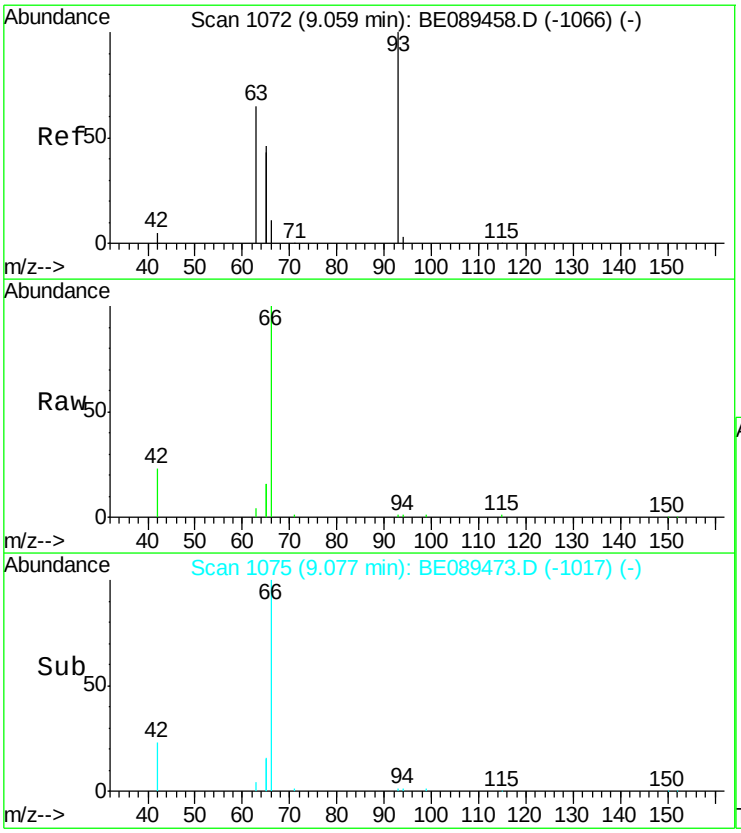
#5
Phenol
Concen: 0.51 ng
RT: 8.91 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 94 Resp: 17200

Ion	Ratio	Lower	Upper
94	100		
65	119.9	105.0	145.0
66	41.3	22.4	62.4

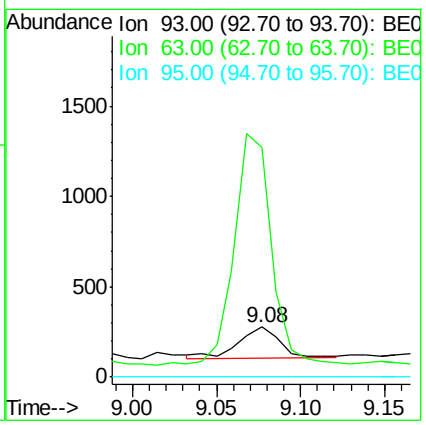


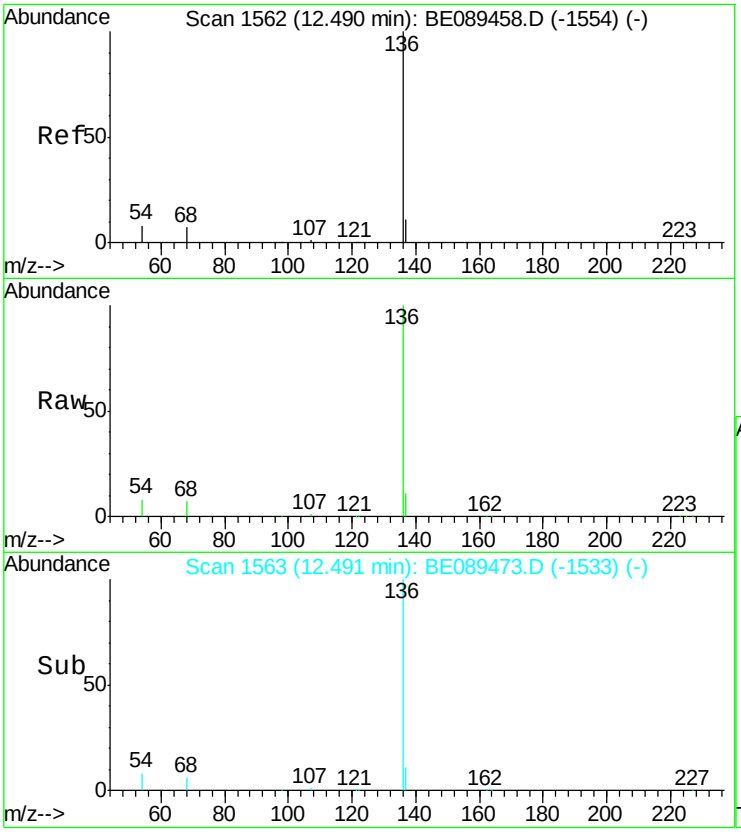


#6
bis(2-Chloroethyl)ether
Concen: 0.01 ng
RT: 9.08 min Scan# 1075
Delta R.T. 0.02 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Tgt Ion: 93 Resp: 300

Ion	Ratio	Lower	Upper
93	100		
63	653.7	59.2	88.8#
95	0.0	0.0	0.0



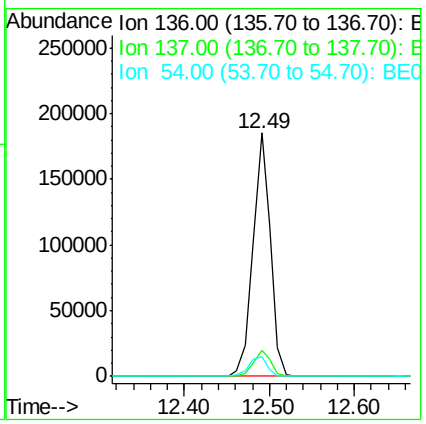


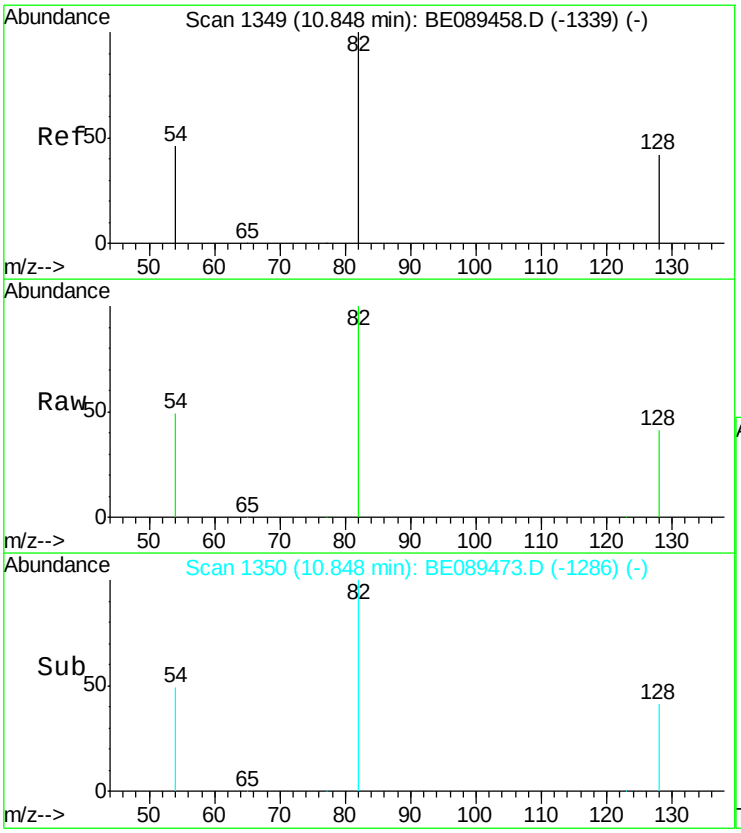
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.49 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 265826

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.1	6.5	9.7

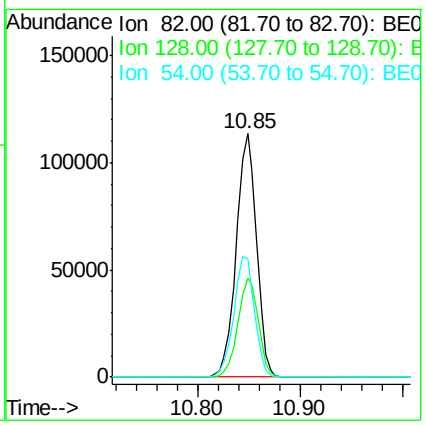


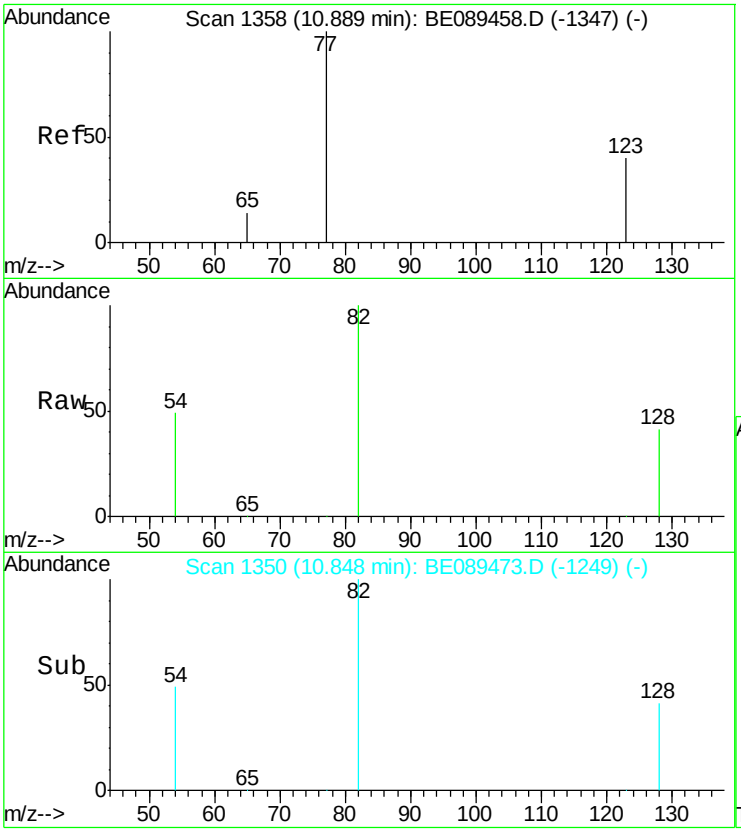


#8
Nitrobenzene-d5
Concen: 8.05 ng
RT: 10.85 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Tgt Ion: 82 Resp: 155567

Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.2	51.2
54	48.6	37.3	55.9



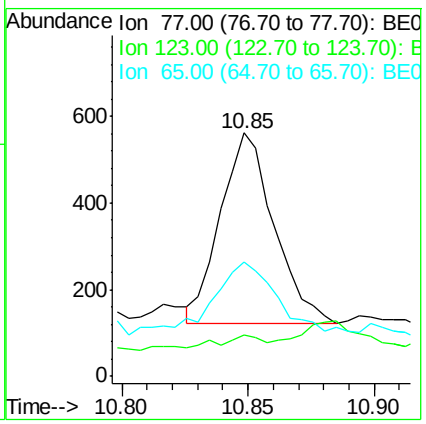


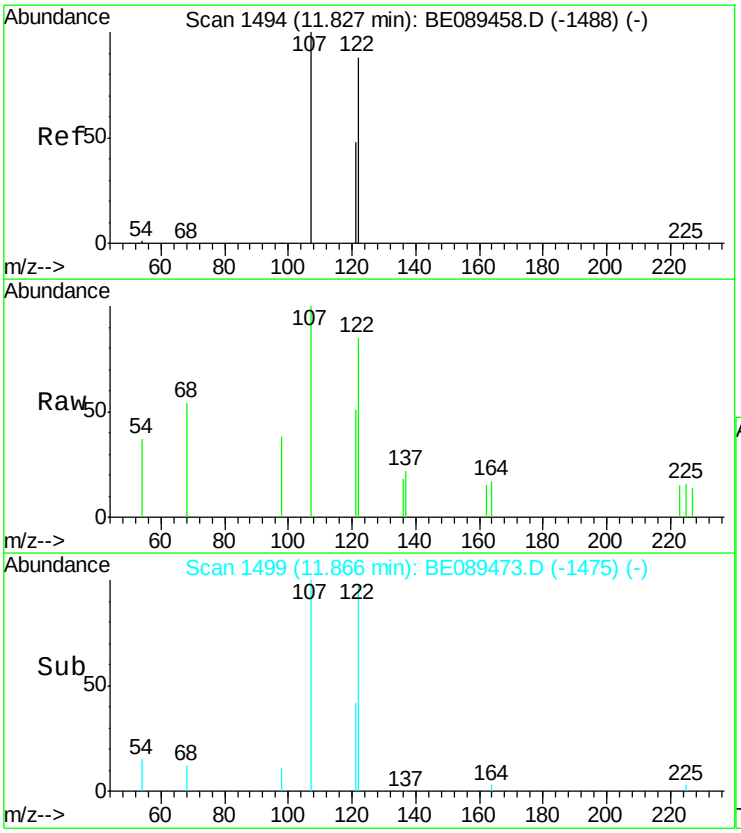
#9
Nitrobenzene
Concen: 0.03 ng
RT: 10.85 min Scan# 1350
Delta R.T. -0.04 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 649

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.6	50.4#
65	42.1	11.0	16.6#

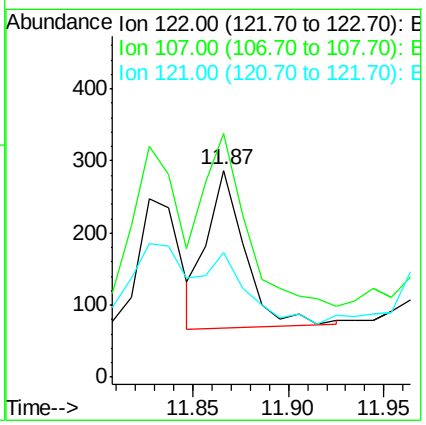


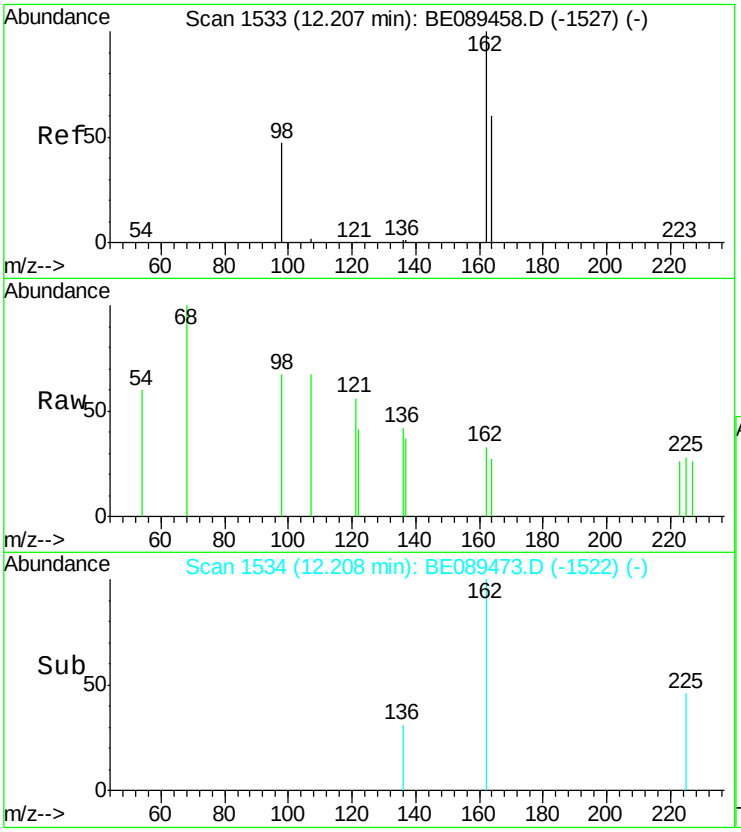


#10
2,4-Dimethylphenol
Concen: 0.02 ng
RT: 11.87 min Scan# 1499
Delta R.T. 0.04 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Tgt Ion:122 Resp: 299

Ion	Ratio	Lower	Upper
122	100		
107	117.8	90.6	136.0
121	60.3	43.7	65.5



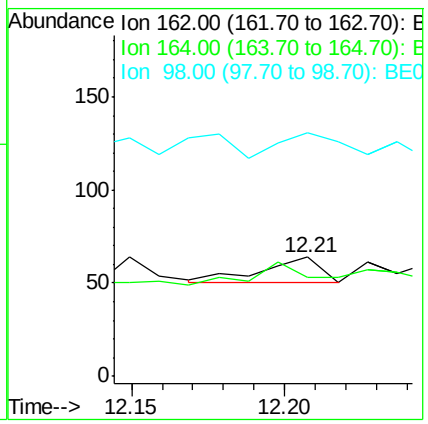


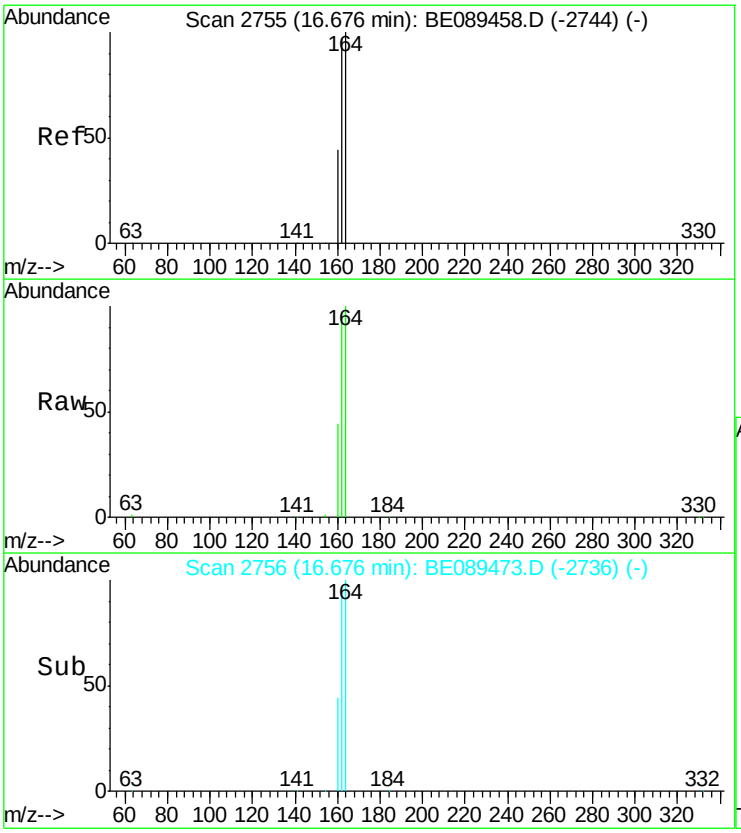
#11
2,4-Dichlorophenol
Concen: 0.00 ng
RT: 12.21 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:162 Resp: 19

Ion	Ratio	Lower	Upper
162	100		
164	82.8	40.5	80.5#
98	204.7	28.1	68.1#

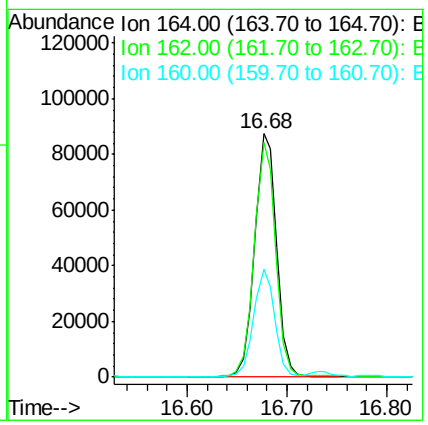


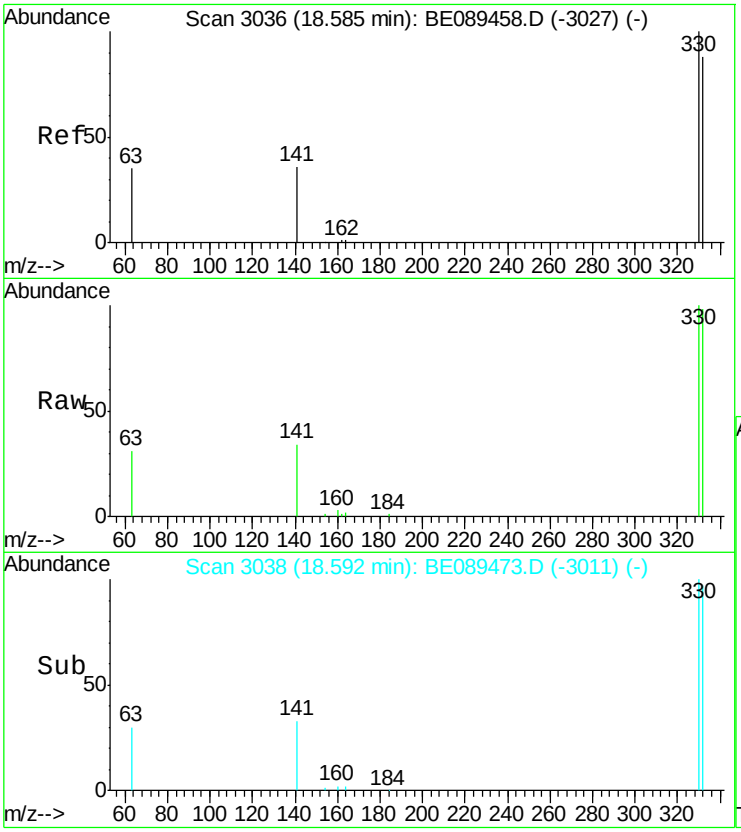


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.68 min Scan# 2756
Delta R.T. -0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Tgt Ion:164 Resp: 132635

Ion	Ratio	Lower	Upper
164	100		
162	96.6	77.4	116.2
160	44.5	35.5	53.3



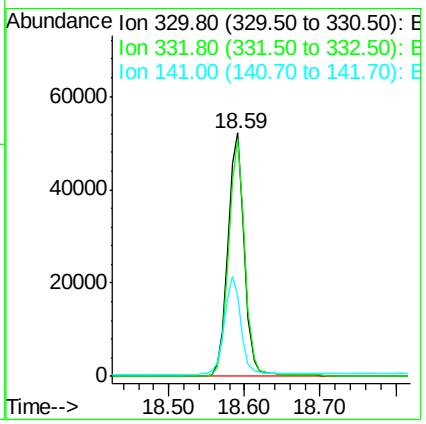


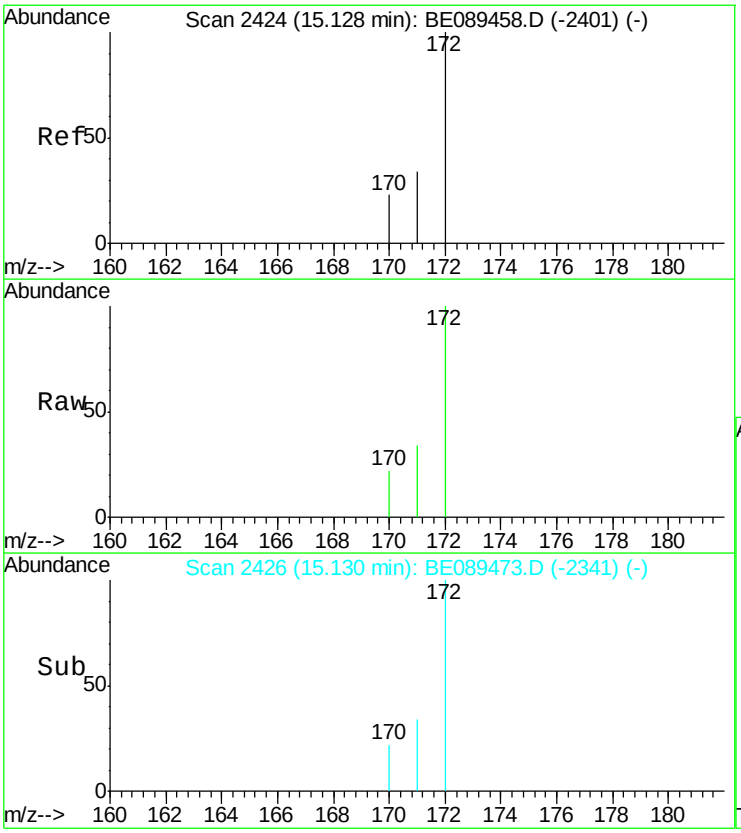
#14
2,4,6-Tribromophenol
Concen: 23.45 ng
RT: 18.59 min Scan# 3038
Delta R.T. 0.01 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 78419

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.4	113.2
141	40.6	35.7	53.5

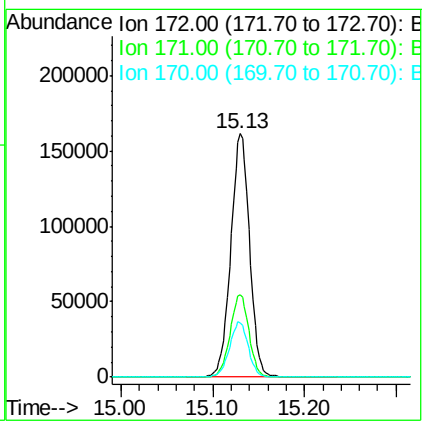


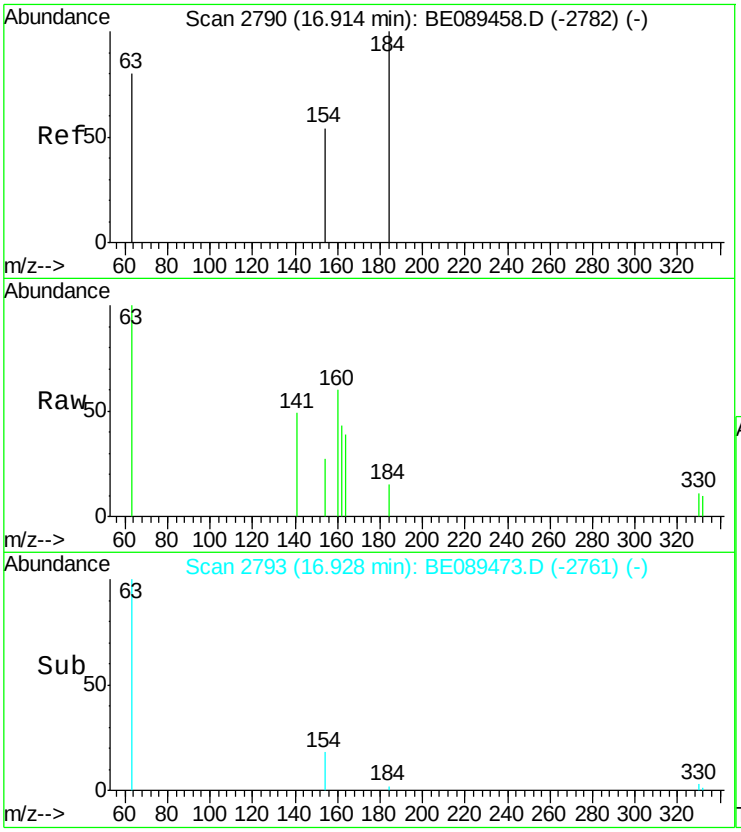


#15
2-Fluorobiphenyl
Concen: 6.15 ng
RT: 15.13 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Tgt Ion:172 Resp: 228179

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.7	41.5
170	22.4	18.3	27.5



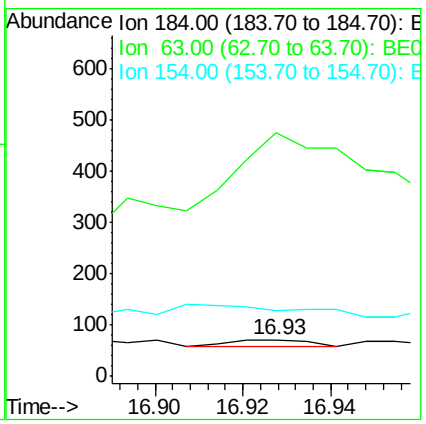


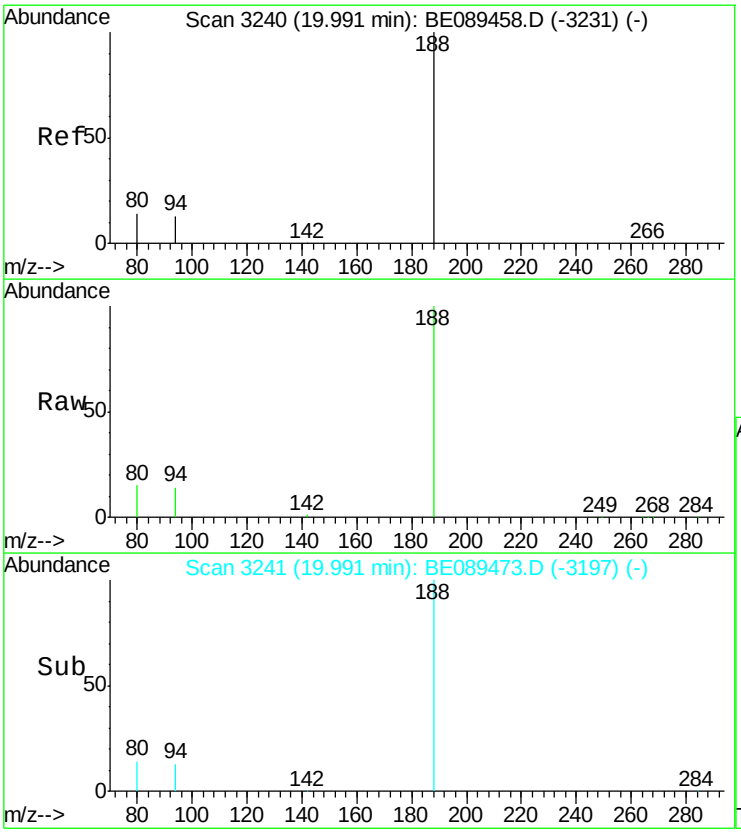
#16
2,4-Dinitrophenol
Concen: Below Cal
RT: 16.93 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:184 Resp: 15

Ion	Ratio	Lower	Upper
184	100		
63	669.0	77.0	115.6#
154	180.3	54.0	81.0#

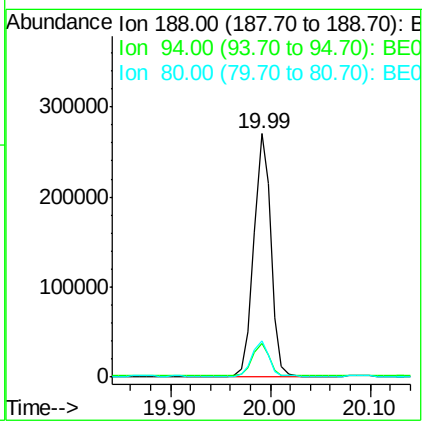


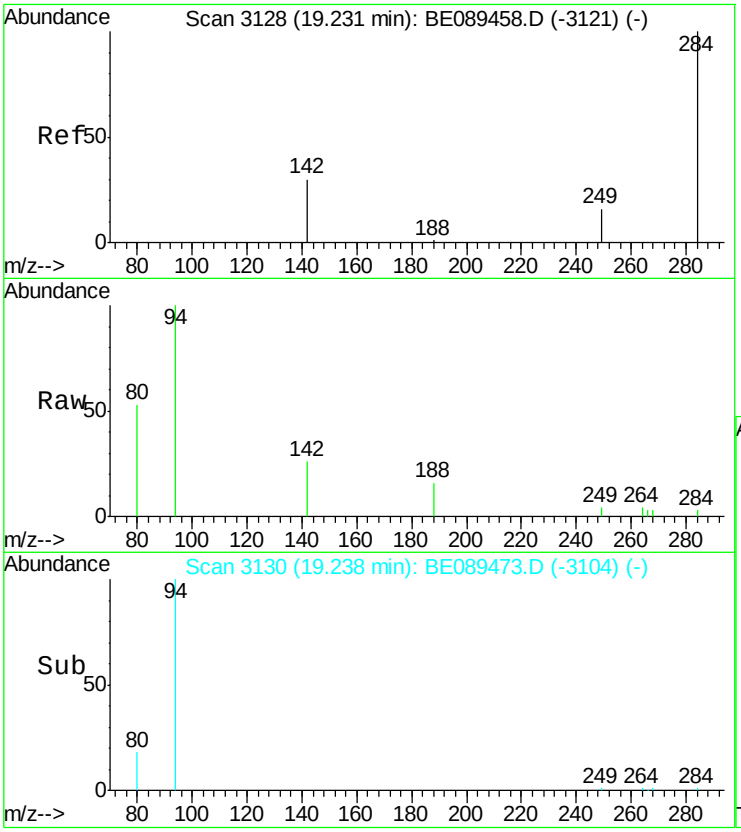


#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3241
Delta R.T. 0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Tgt Ion:188 Resp: 320942

Ion	Ratio	Lower	Upper
188	100		
94	13.8	10.2	15.4
80	14.7	10.9	16.3



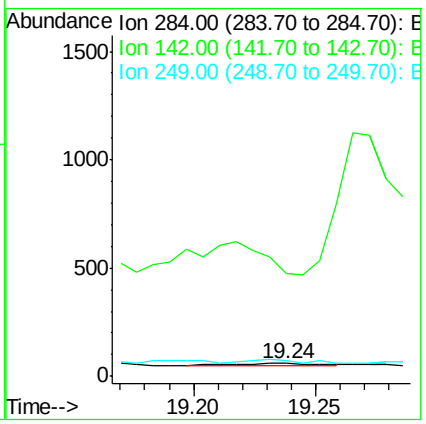


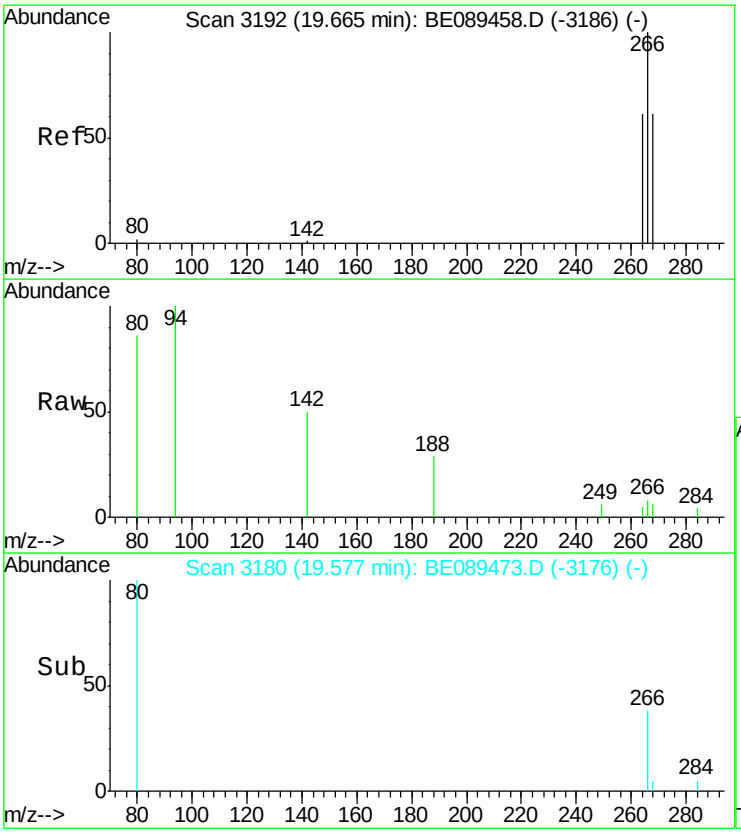
#18
Hexachlorobenzene
Concen: 0.00 ng
RT: 19.24 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 26

Ion	Ratio	Lower	Upper
284	100		
142	795.0	31.8	47.8#
249	125.0	23.5	35.3#

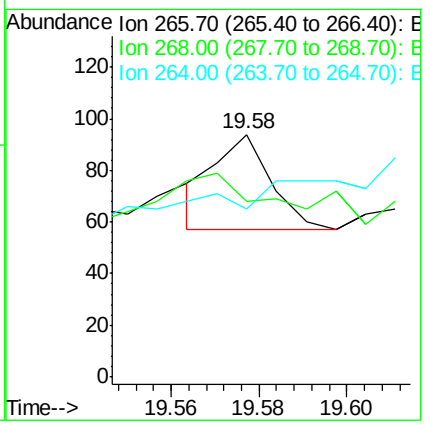


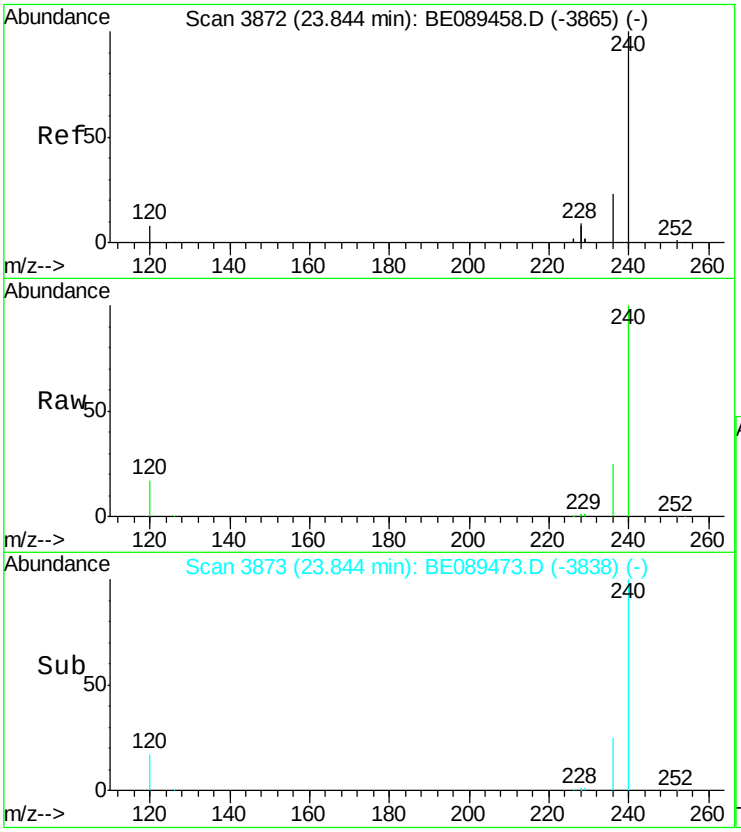


#19
Pentachlorophenol
Concen: 0.09 ng
RT: 19.58 min Scan# 3180
Delta R.T. -0.09 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Tgt Ion:266 Resp: 33

Ion	Ratio	Lower	Upper
266	100		
268	72.3	52.6	78.8
264	69.1	52.2	78.2



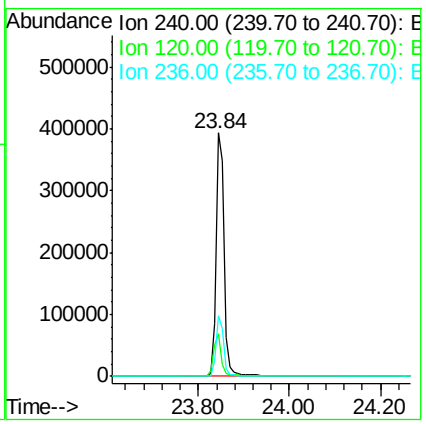


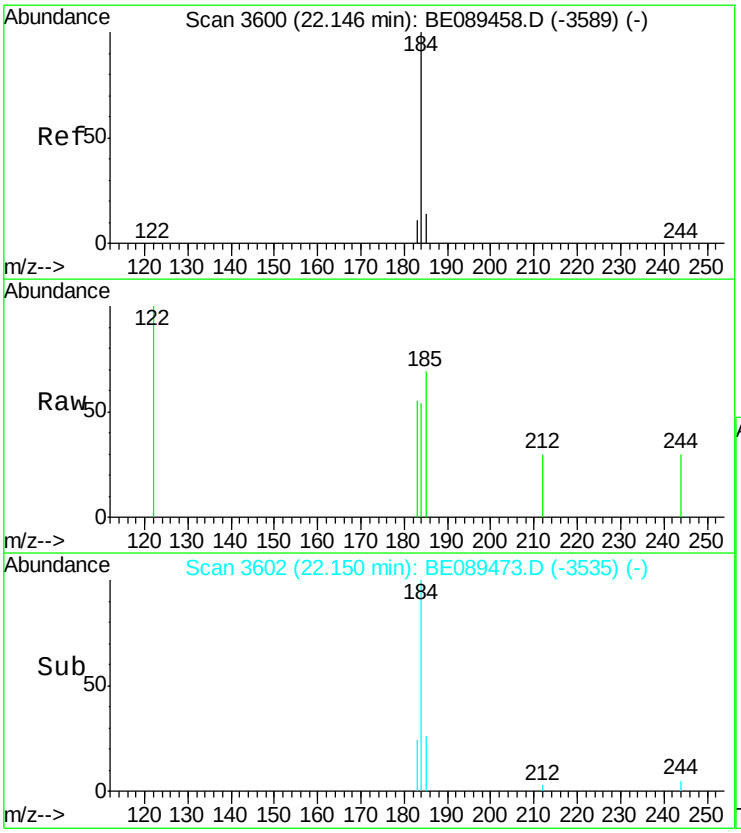
#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3873
Delta R.T. -0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 484842

Ion	Ratio	Lower	Upper
240	100		
120	17.5	6.2	9.4#
236	25.1	18.2	27.4

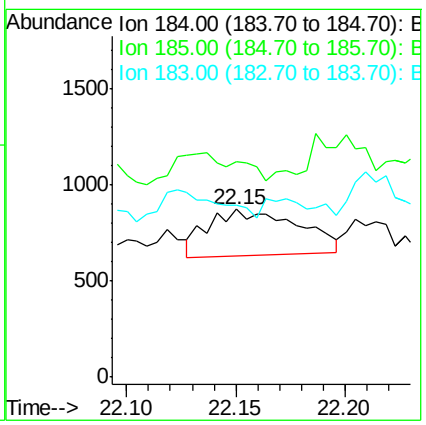


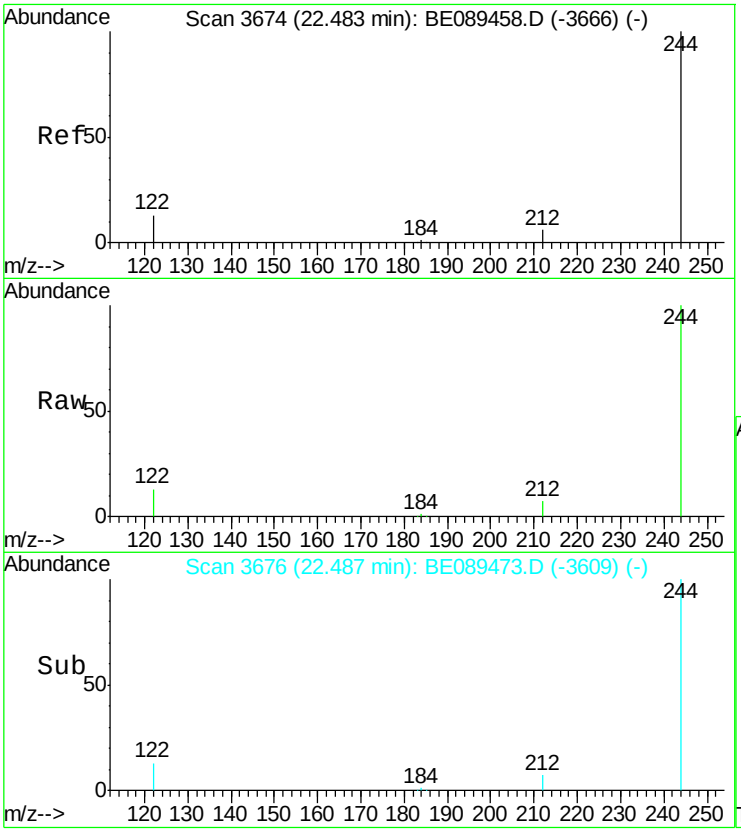


#21
Benzidine
Concen: 0.33 ng
RT: 22.15 min Scan# 3602
Delta R.T. 0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Tgt Ion:184 Resp: 680

Ion	Ratio	Lower	Upper
184	100		
185	128.4	11.7	17.5#
183	102.5	9.4	14.0#



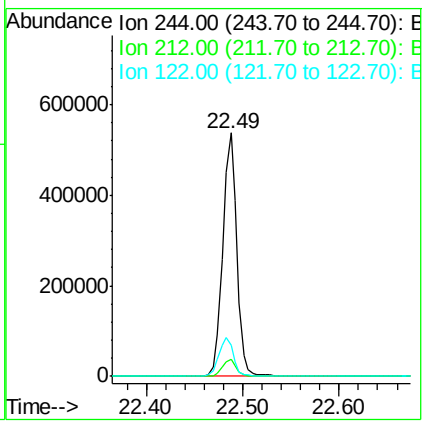


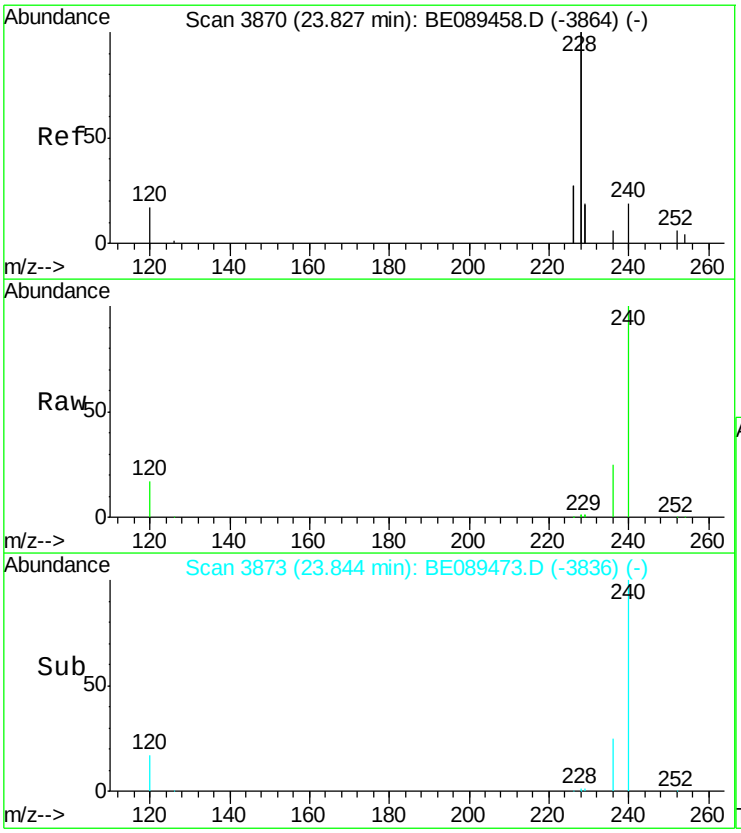
#22
Terphenyl-d14
Concen: 9.98 ng
RT: 22.49 min Scan# 3676
Delta R.T. 0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 547015

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	12.9	10.5	15.7

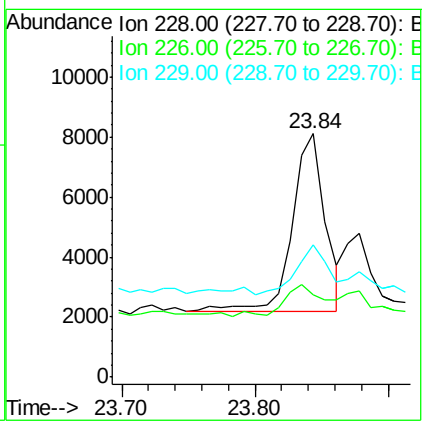


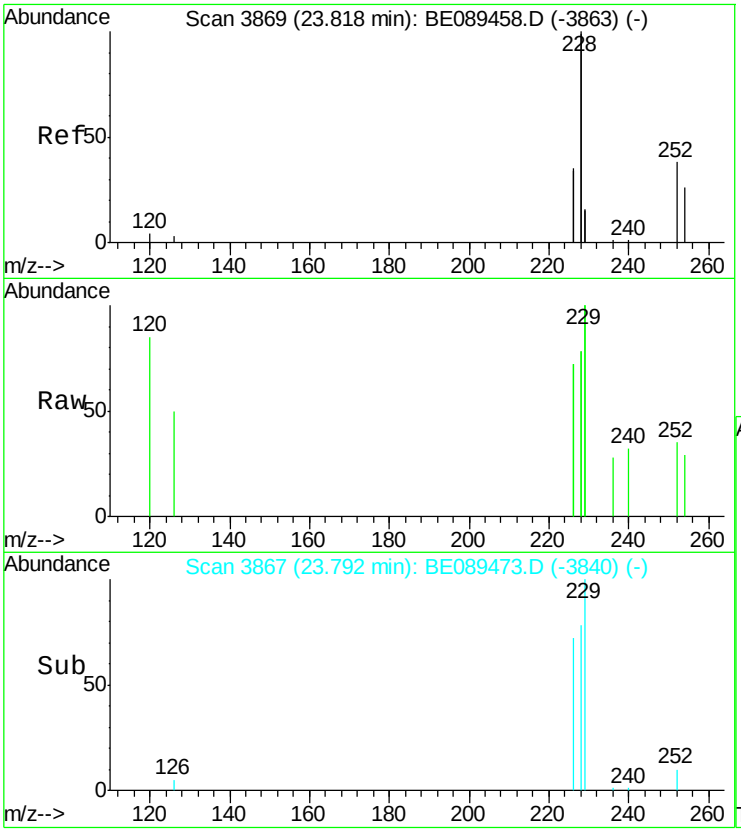


#23
Benzo(a)anthracene
Concen: 0.03 ng
RT: 23.84 min Scan# 3873
Delta R.T. 0.02 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Tgt Ion:228 Resp: 10028

Ion	Ratio	Lower	Upper
228	100		
226	33.8	21.7	32.5#
229	54.3	14.8	22.2#



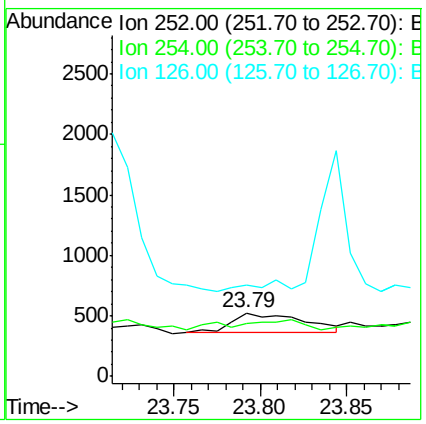


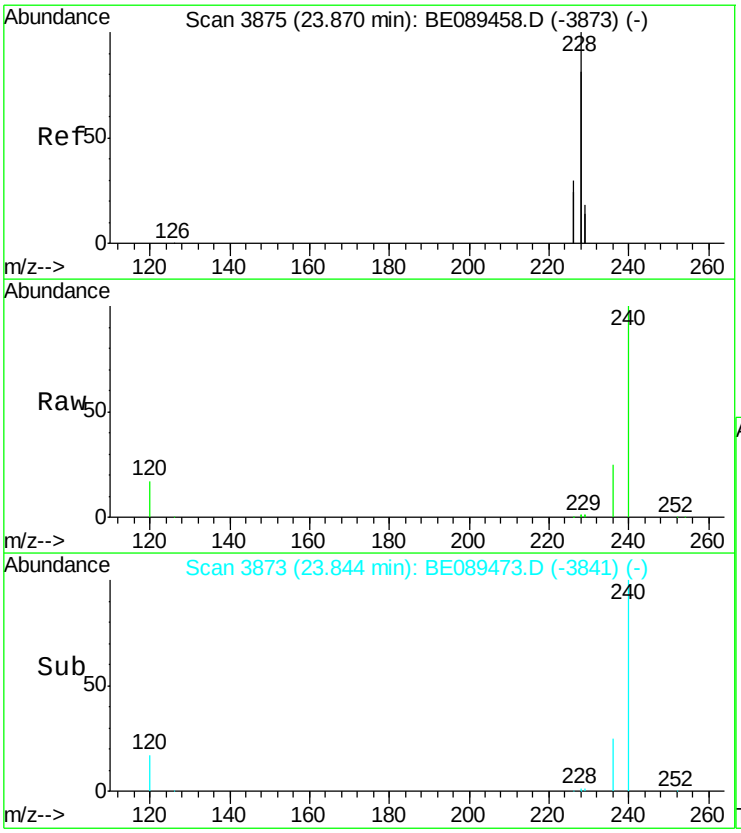
#24
3,3'-Dichlorobenzidine
Concen: 0.20 ng
RT: 23.79 min Scan# 3867
Delta R.T. -0.03 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 474

Ion	Ratio	Lower	Upper
252	100		
254	84.0	54.6	82.0#
126	144.5	8.0	12.0#

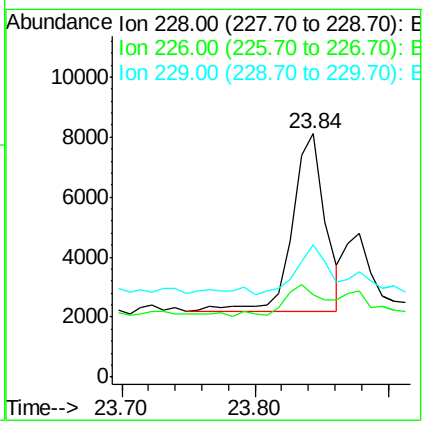


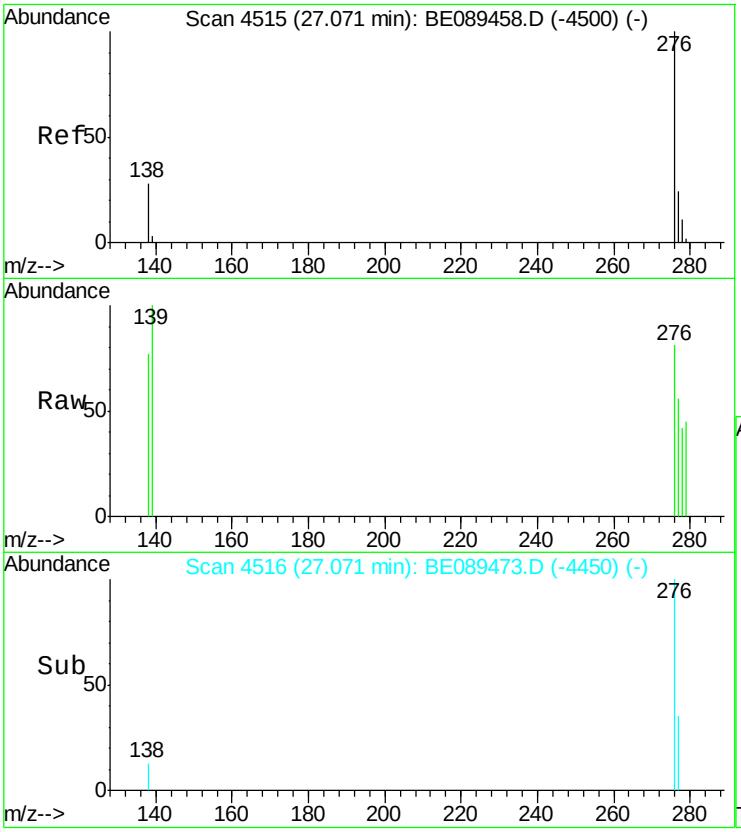


#25
Chrysene
Concen: 0.02 ng
RT: 23.84 min Scan# 3873
Delta R.T. -0.03 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Tgt Ion:228 Resp: 10028

Ion	Ratio	Lower	Upper
228	100		
226	33.8	23.8	35.8
229	54.3	14.3	21.5#



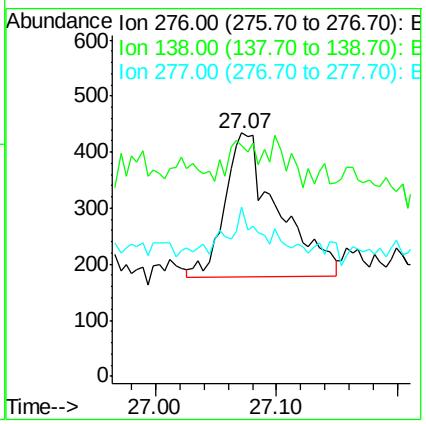


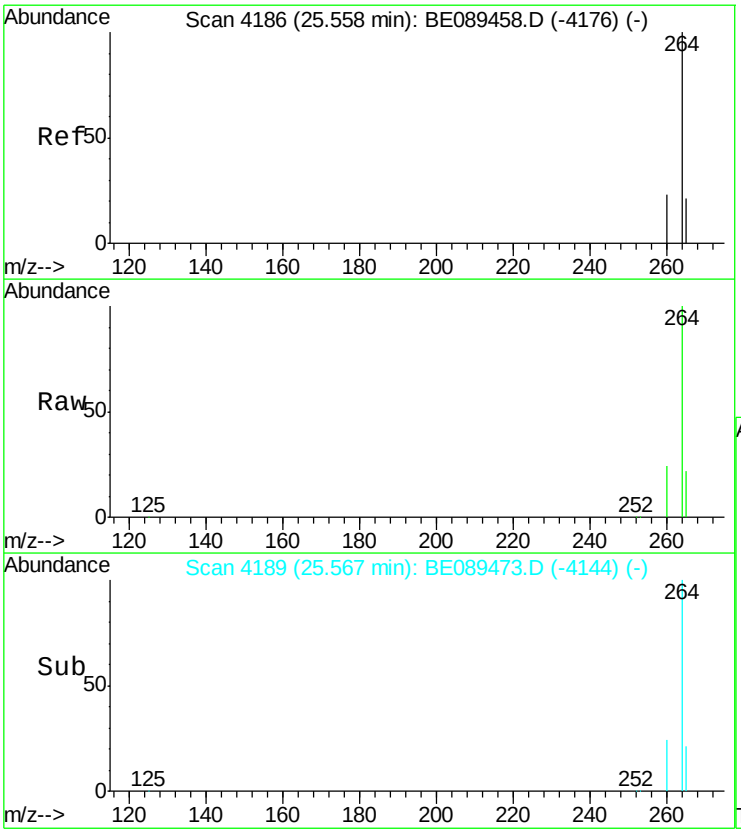
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng
RT: 27.07 min Scan# 4516
Delta R.T. 0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 781

Ion	Ratio	Lower	Upper
276	100		
138	13.8	23.3	34.9#
277	6.7	19.0	28.4#

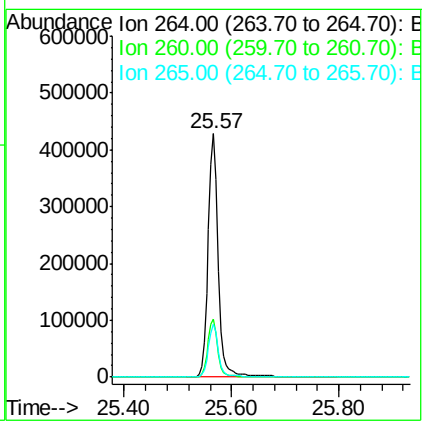


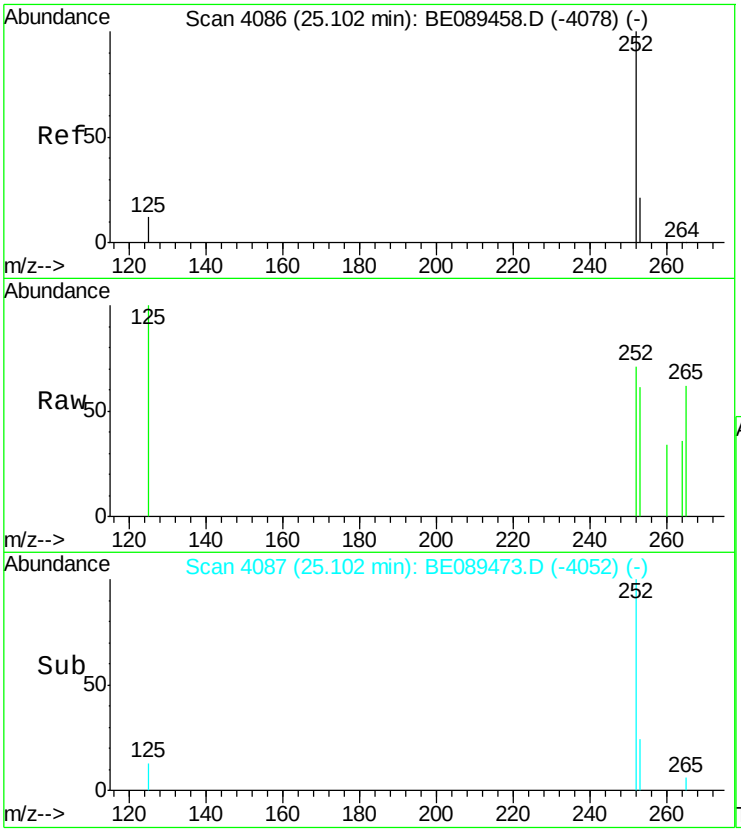


#27
Perylene-d12
Concen: 5.00 ng
RT: 25.57 min Scan# 4189
Delta R.T. 0.01 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Tgt Ion:264 Resp: 565550

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.5	17.0	25.6



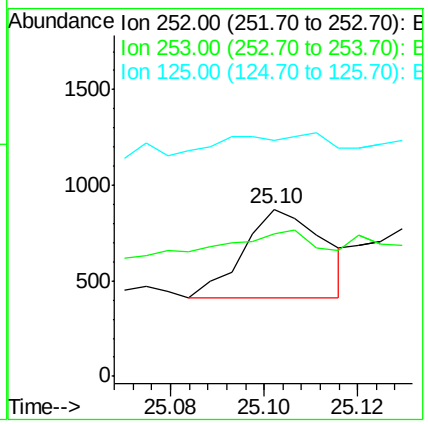


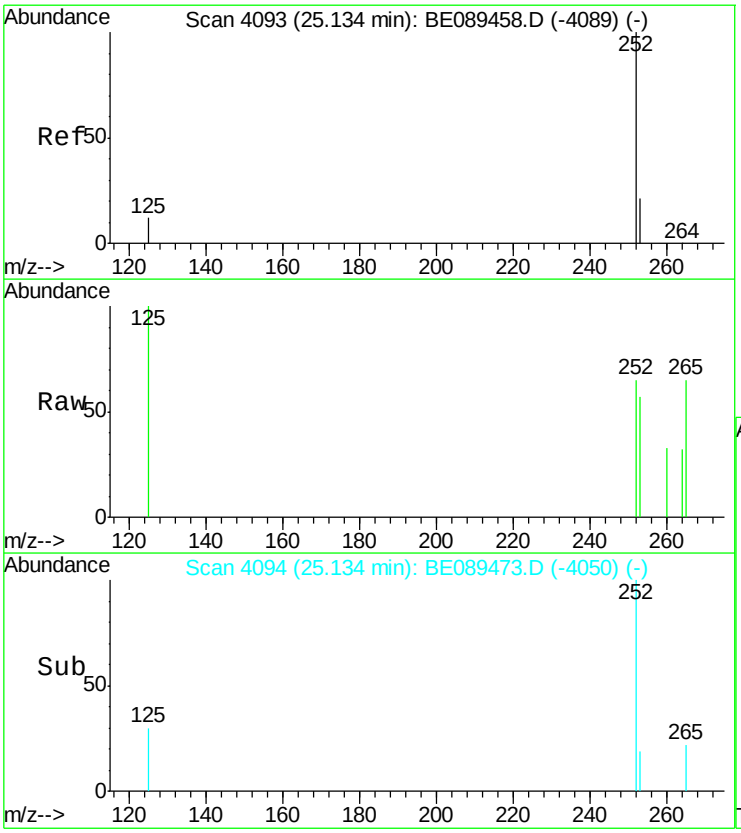
#28
Benzo(b)fluoranthene
Concen: 0.26 ng
RT: 25.10 min Scan# 4087
Delta R.T. 0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 550

Ion	Ratio	Lower	Upper
252	100		
253	85.5	17.4	26.0#
125	141.1	10.4	15.6#

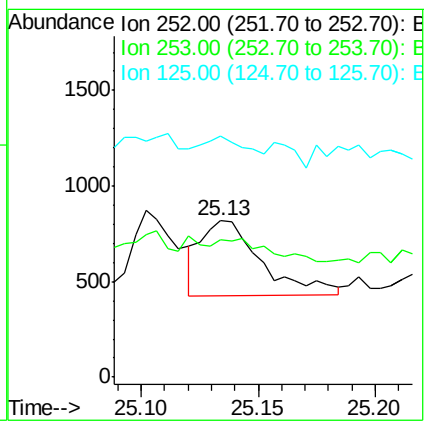


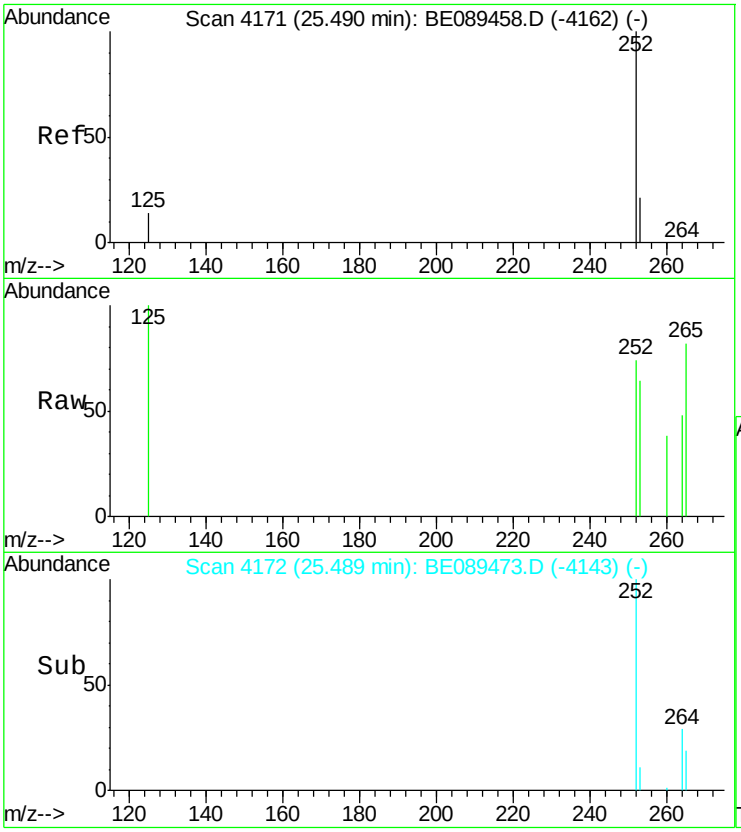


#29
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 25.13 min Scan# 4094
Delta R.T. -0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Tgt Ion:252 Resp: 710

Ion	Ratio	Lower	Upper
252	100		
253	87.7	17.5	26.3#
125	154.4	10.3	15.5#



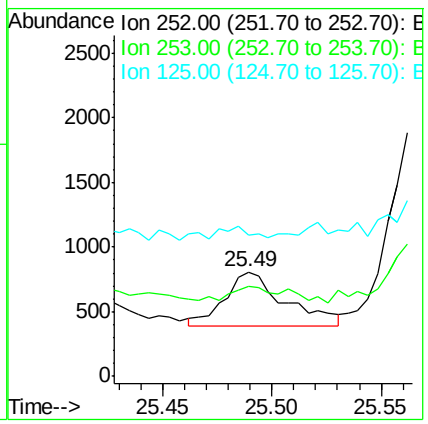


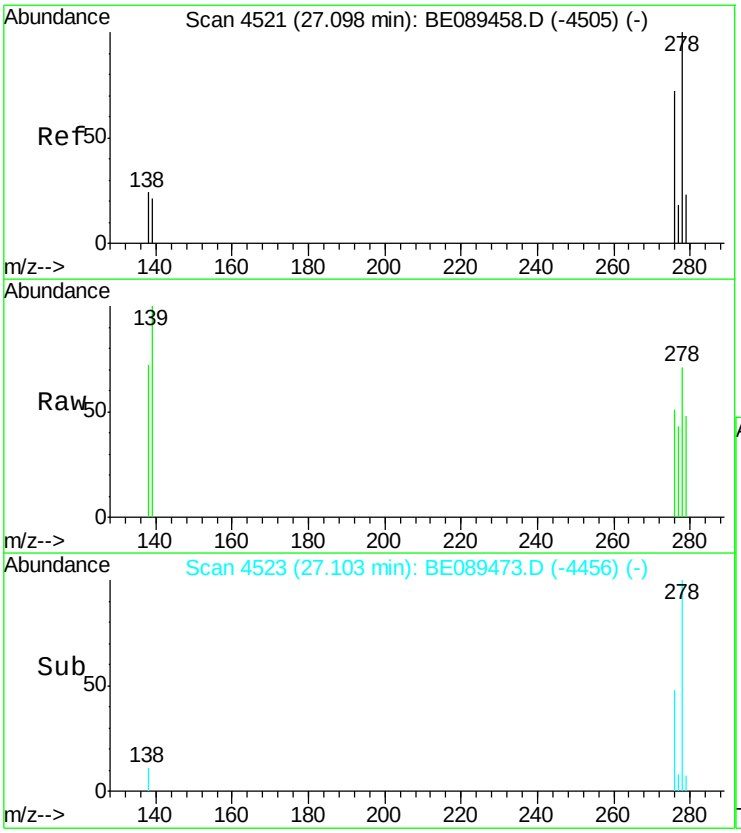
#30
Benzo(a)pyrene
Concen: 0.24 ng
RT: 25.49 min Scan# 4172
Delta R.T. 0.00 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 803

Ion	Ratio	Lower	Upper
252	100		
253	85.8	17.5	26.3#
125	134.7	11.8	17.8#





#31
Dibenzo(a,h)anthracene
Concen: 0.22 ng
RT: 27.10 min Scan# 4523
Delta R.T. 0.01 min
Lab File: BE089473.D
Acq: 3 Feb 2015 3:40

Tgt Ion:278 Resp: 519

Ion	Ratio	Lower	Upper
278	100		
139	141.6	17.1	25.7#
279	68.3	18.8	28.2#