Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
Data File : BE099365.D
Acq On : 25 Apr 2019 17:26
Operator : JU/SJ
Sample : K2534-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 26 00:42:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4175	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	16929	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	12047	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	31763	0.40	ng		0.00
27) Chrysene-d12	21.36	240	34275	0.40	ng		0.00
34) Perylene-d12	23.86	264	38084	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2924	0.29	ng		0.00
5) Phenol-d6	6.98	99	4650	0.32	ng		0.00
8) Nitrobenzene-d5	8.96	82	3624	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	6675	0.22	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1774	0.44	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	10332	0.22	ng		0.00
25) Fluoranthene-d10	19.22	212	80193	0.21	ng		0.00
29) Terphenyl-d14	19.81	244	15838	0.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	198	0.034	ng	#	86
3) n-Nitrosodimethylamine	3.62	42	2388	0.759	ng	#	1
22) Pentachlorophenol	16.84	266	67	0.230	ng	#	81
23) Phenanthrene	17.23	178	4186	0.050	ng		95
26) Fluoranthene	19.25	202	10863	0.096	ng		98
28) Pyrene	19.61	202	9908	0.098	ng	#	94
30) Benzo(a)anthracene	21.34	228	5171	0.051	ng	#	82
31) Chrysene	21.40	228	5959	0.056	ng	#	83
32) Bis(2-ethylhexyl)phthalate	21.27	149	49613	0.541	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	3781	0.036	ng	#	89
35) Benzo(b)fluoranthene	23.10	252	7481	0.064	ng	#	1
36) Benzo(k)fluoranthene	23.10	252	7481	0.064	ng	#	1
37) Benzo(a)pyrene	23.75	252	5281	0.051	ng	#	1
39) Benzo(g,h,i)perylene	27.32	276	3377	0.031	ng	#	71

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
Data File : BE099365.D
Acq On : 25 Apr 2019 17:26
Operator : JU/SJ
Sample : K2534-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
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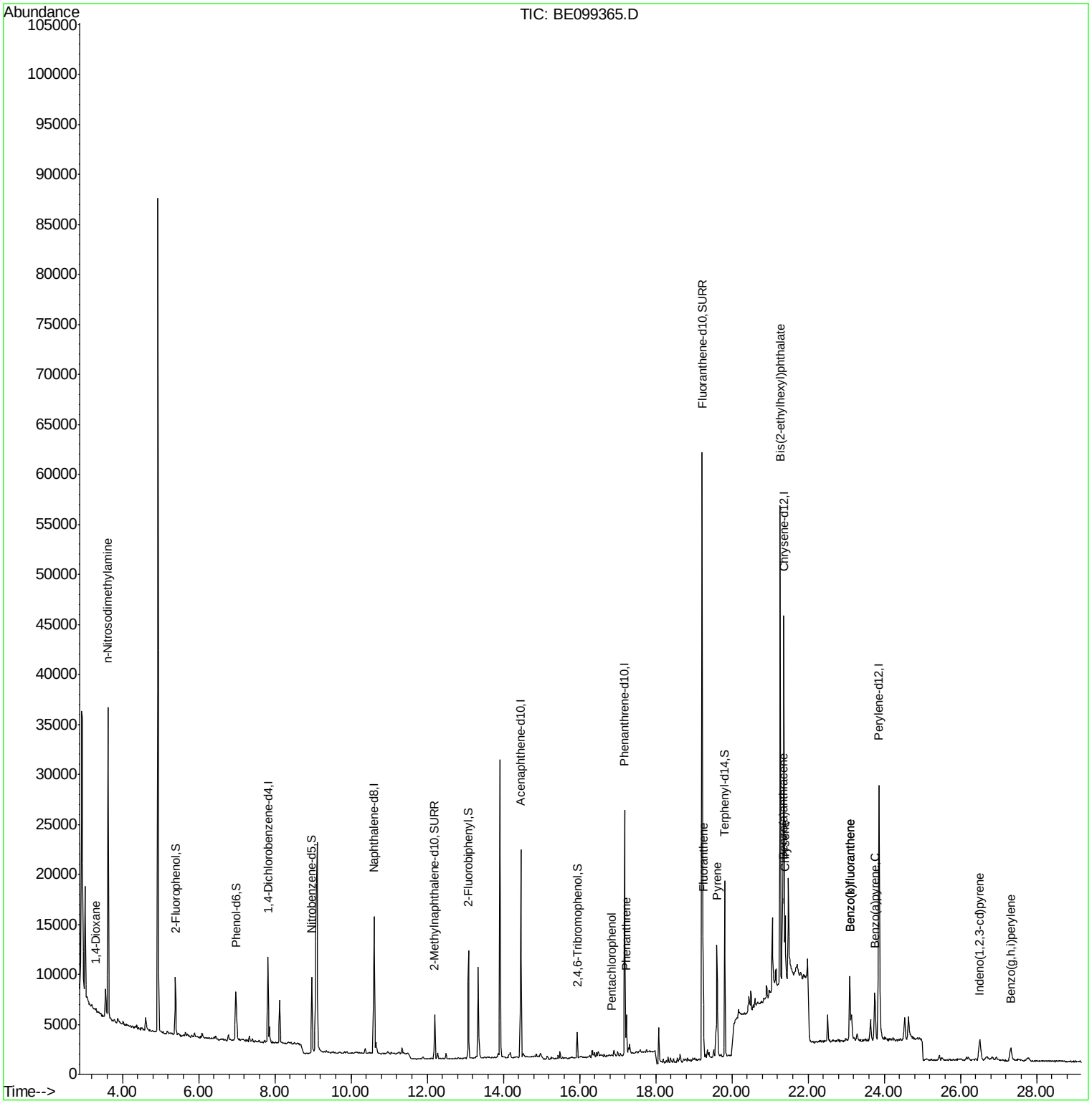
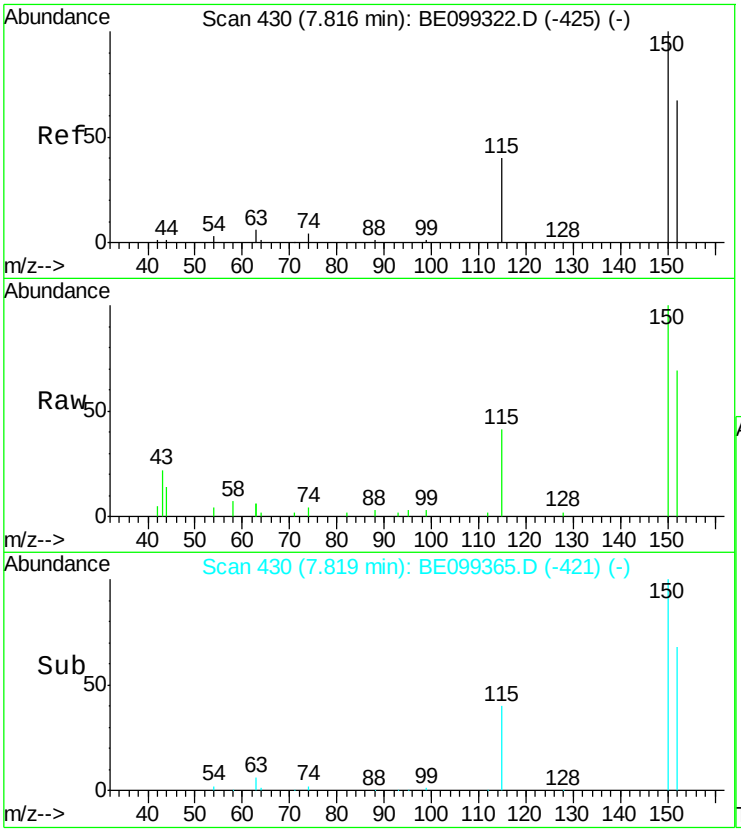
Quant Time: Apr 26 00:42:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration



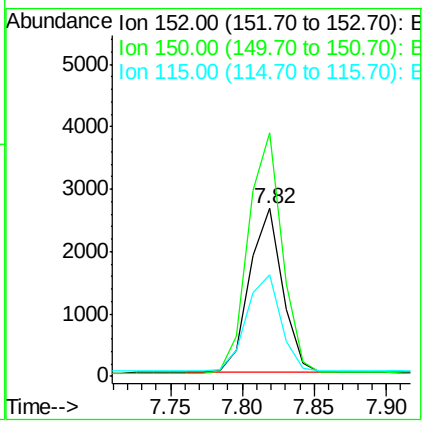


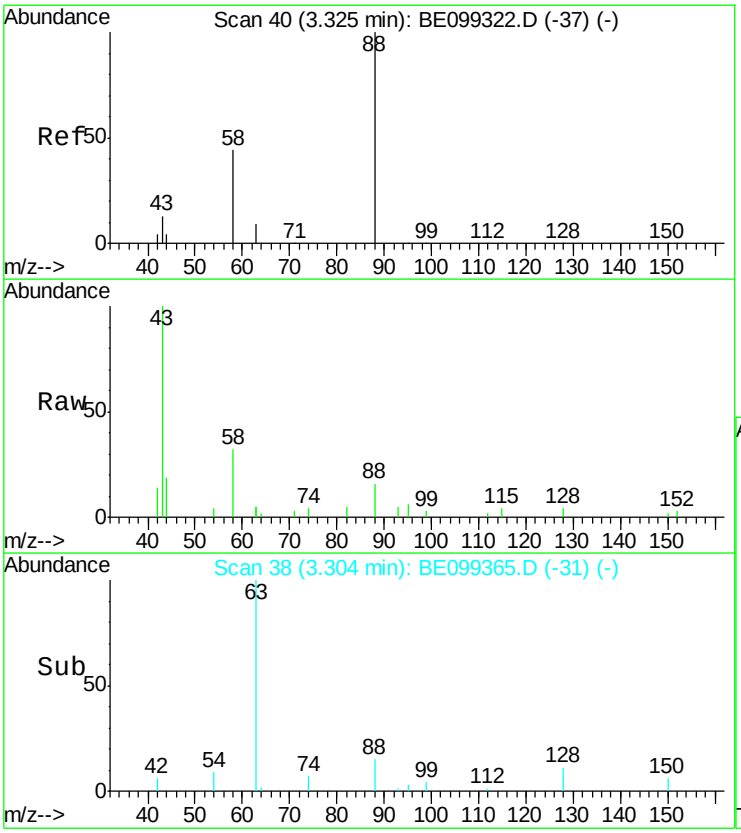
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4175

Ion	Ratio	Lower	Upper
152	100		
150	145.4	119.5	179.3
115	60.3	47.5	71.3

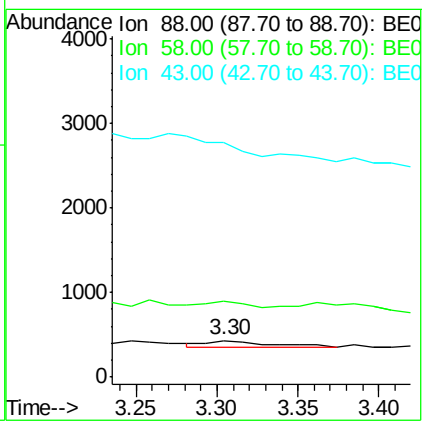


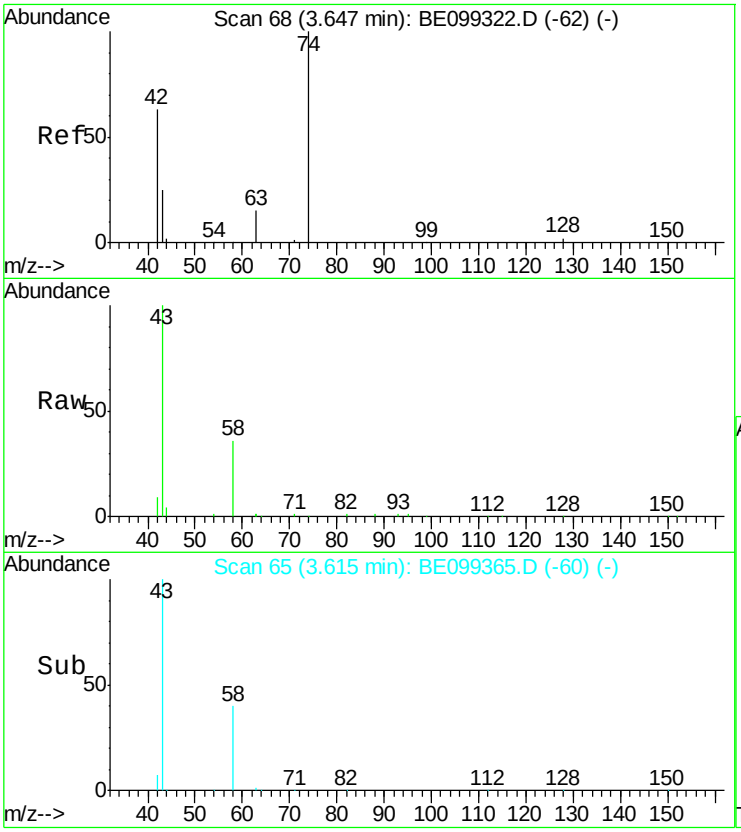


#2
1,4-Dioxane
Concen: 0.034 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.02 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion: 88 Resp: 198

Ion	Ratio	Lower	Upper
88	100		
58	62.6	49.1	73.7
43	0.0	17.9	26.9#



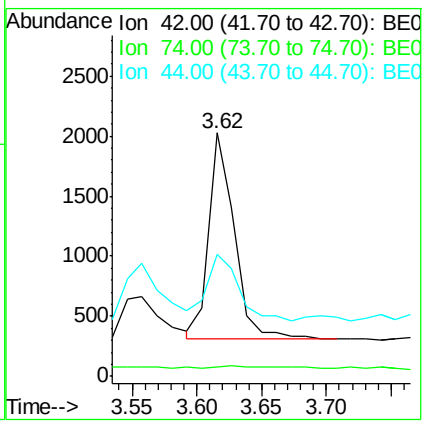


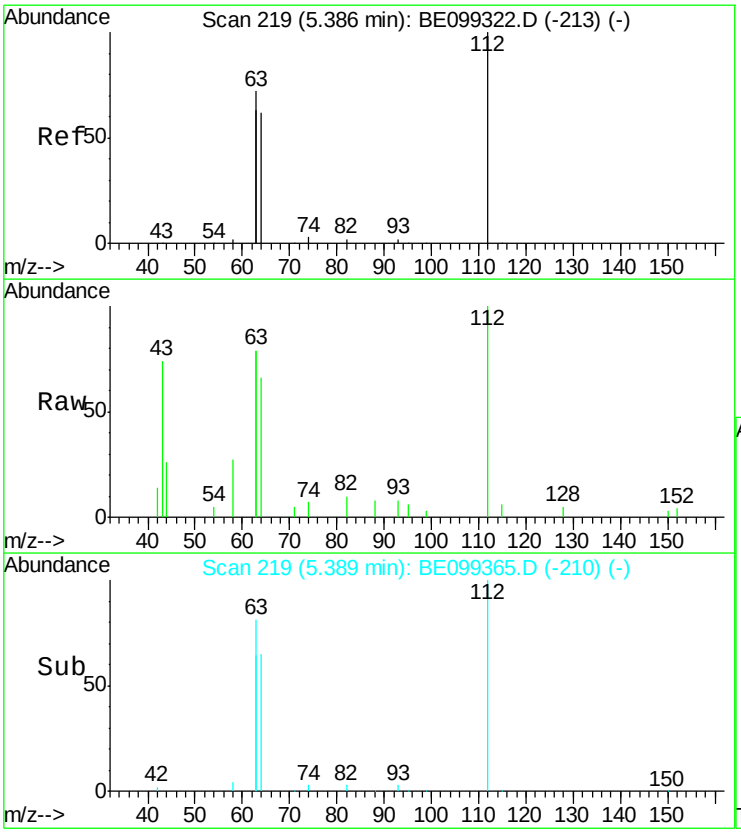
#3
n-Nitrosodimethylamine
Concen: 0.759 ng
RT: 3.62 min Scan# 65
Delta R.T. -0.04 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2388

Ion	Ratio	Lower	Upper
42	100		
74	2.5	145.8	218.8#
44	39.8	9.0	13.4#

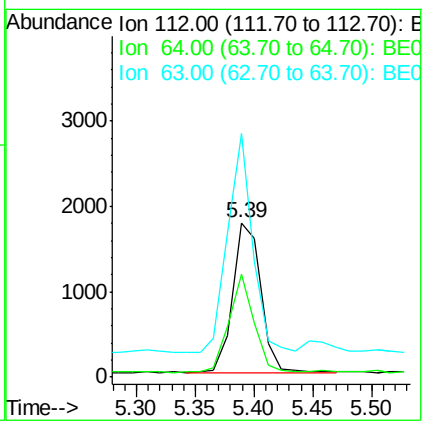


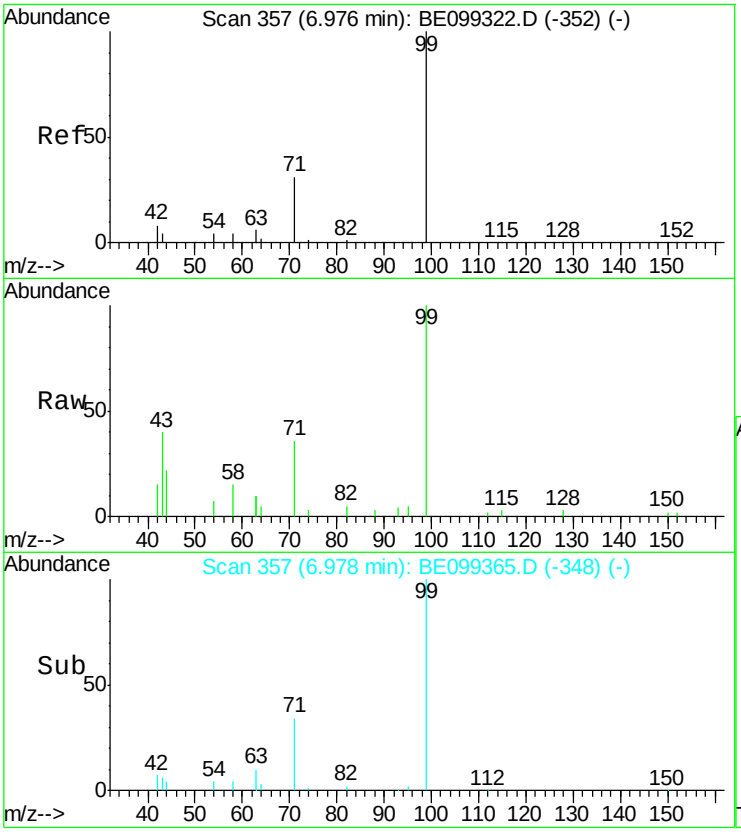


#4
2-Fluorophenol
Concen: 0.287 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion:112 Resp: 2924

Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.9	67.3
63	128.1	97.4	146.0



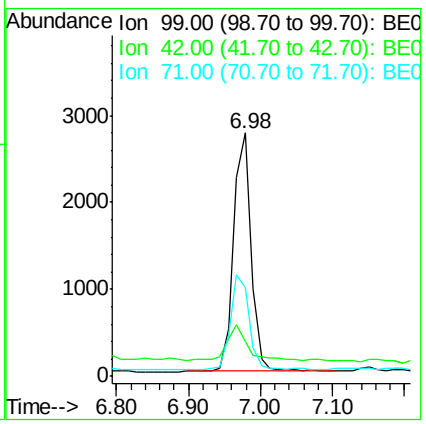


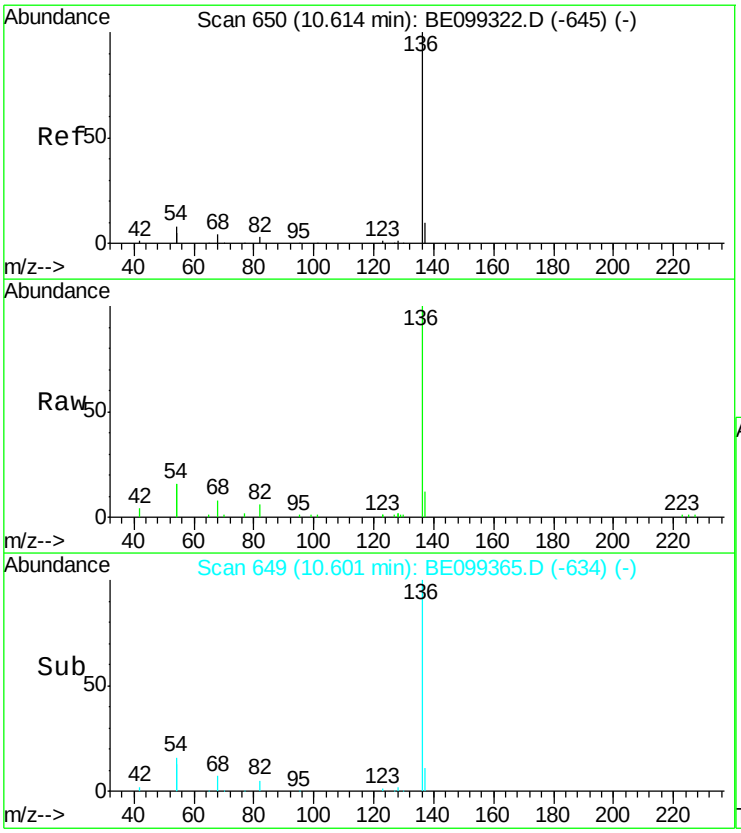
#5
Phenol-d6
Concen: 0.319 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4650

Ion	Ratio	Lower	Upper
99	100		
42	19.3	11.7	17.5#
71	41.8	29.6	44.4

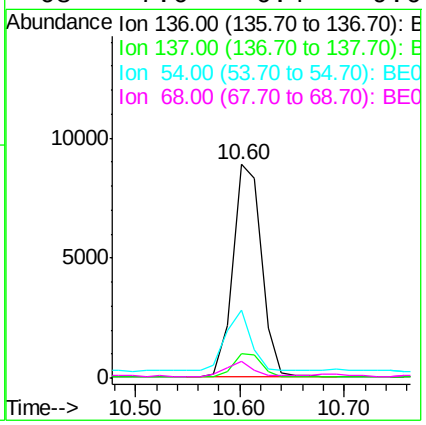


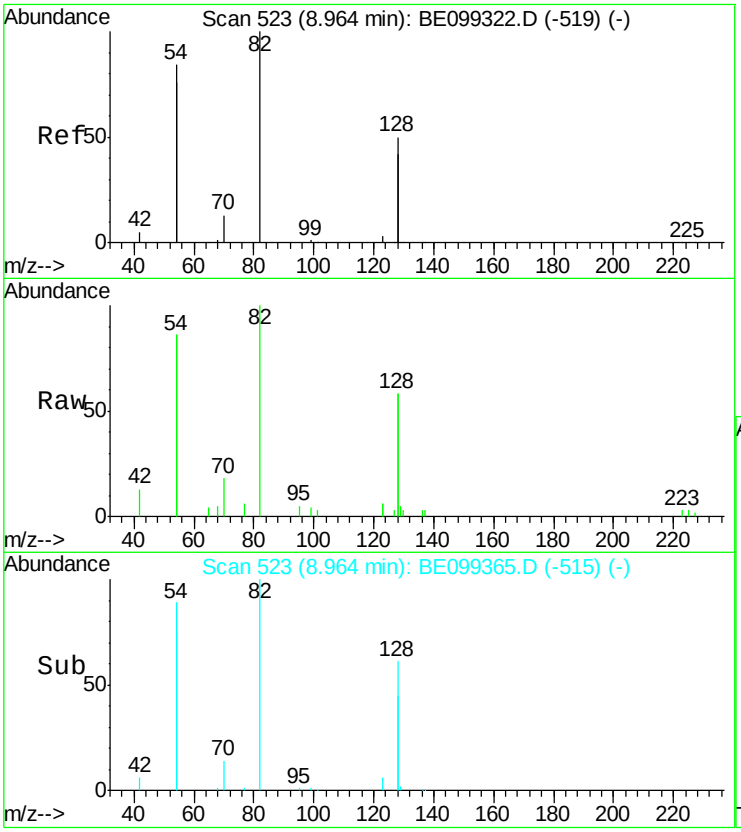


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion:136 Resp: 16929

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	32.1	23.8	35.8
68	7.6	6.4	9.6



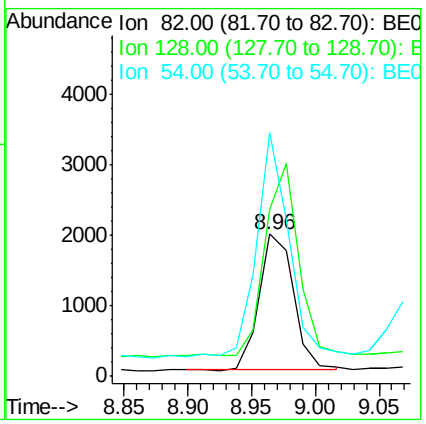


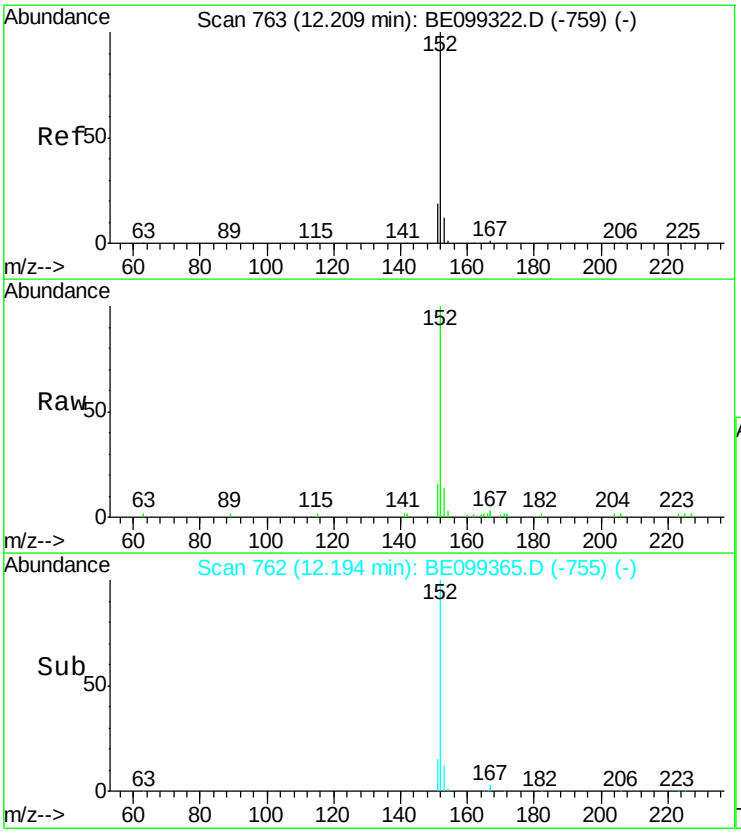
#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 3624

Ion	Ratio	Lower	Upper
82	100		
128	116.8	91.7	137.5
54	171.1	122.8	184.2

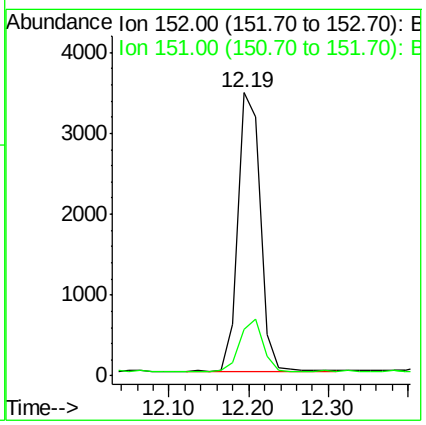


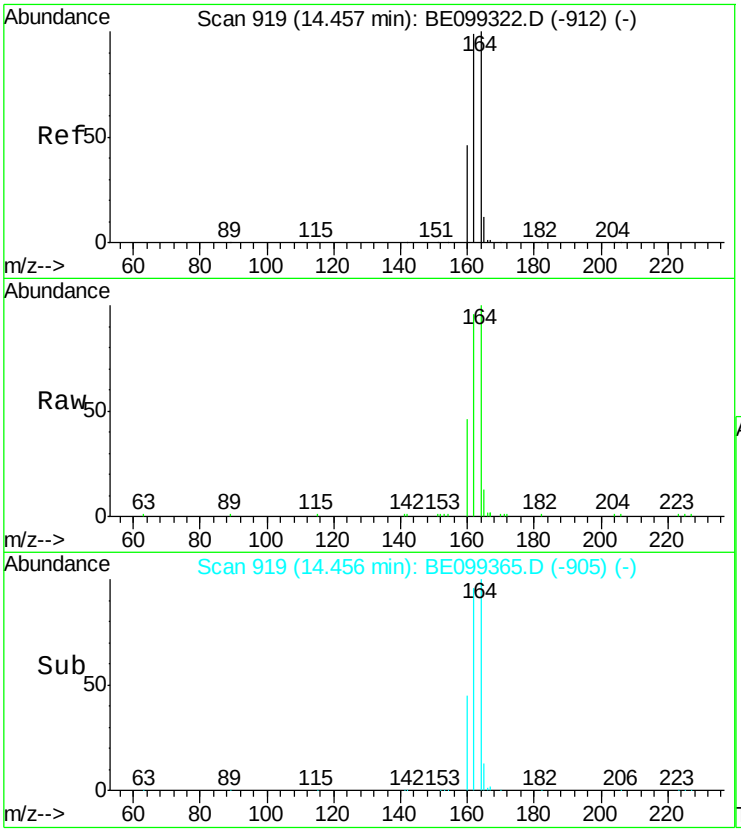


#11
2-Methylnaphthalene-d10
Concen: 0.223 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion:152 Resp: 6675

Ion	Ratio	Lower	Upper
152	100		
151	19.1	14.9	22.3



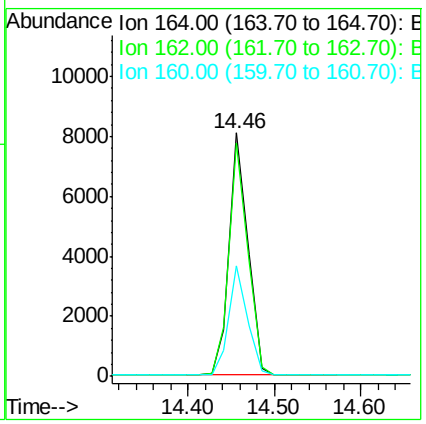


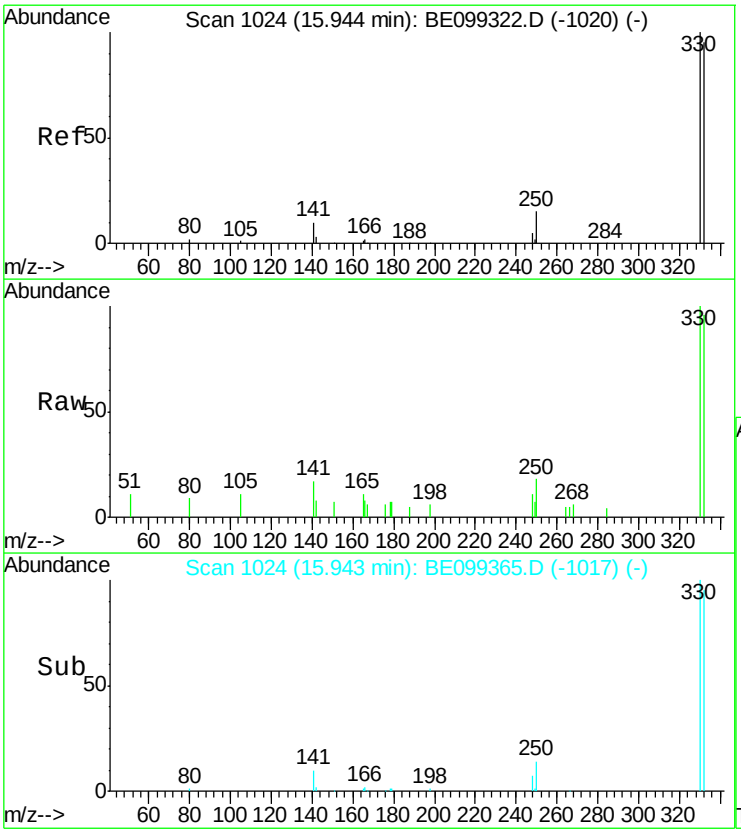
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 12047

Ion	Ratio	Lower	Upper
164	100		
162	95.8	77.8	116.6
160	45.6	37.1	55.7

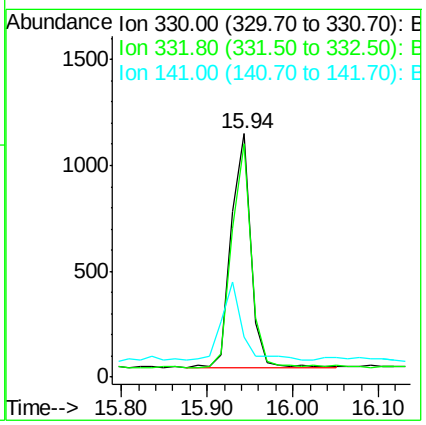


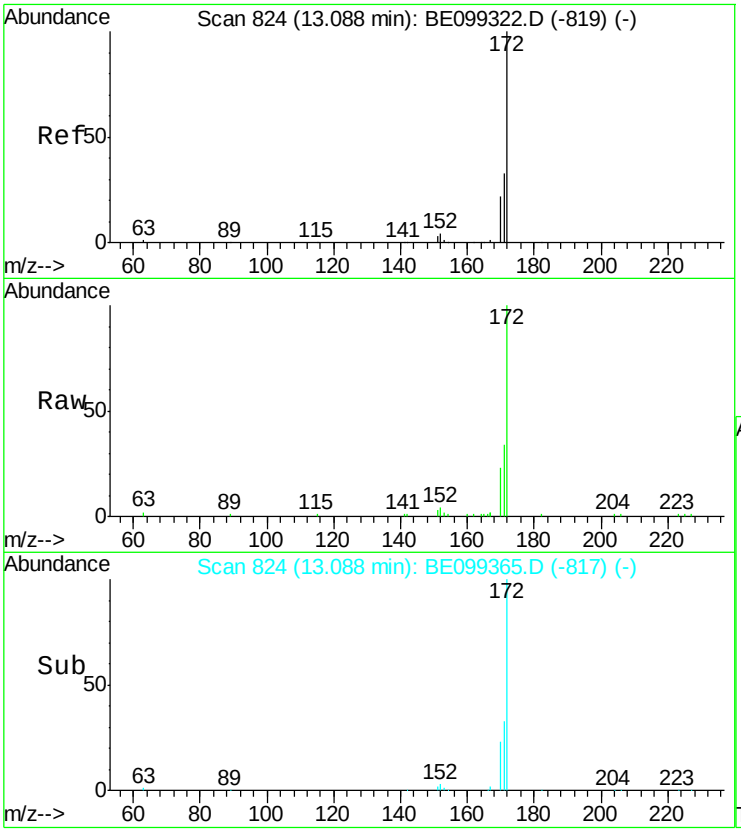


#14
2,4,6-Tribromophenol
Concen: 0.443 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion:330 Resp: 1774

Ion	Ratio	Lower	Upper
330	100		
332	94.4	82.5	123.7
141	34.5	24.9	37.3



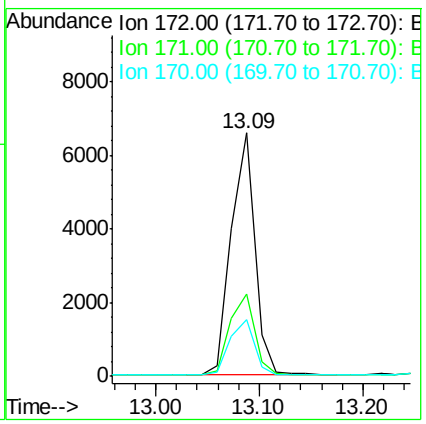


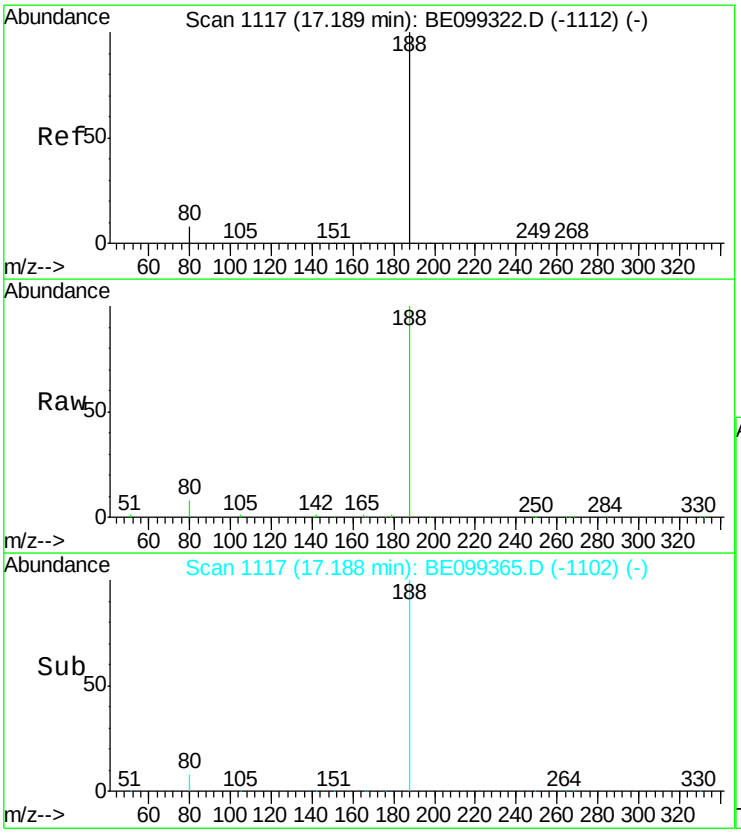
#15
2-Fluorobiphenyl
Concen: 0.218 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 10332

Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.2	39.2
170	23.2	18.1	27.1

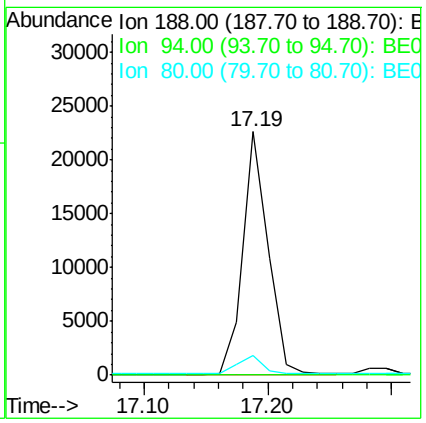


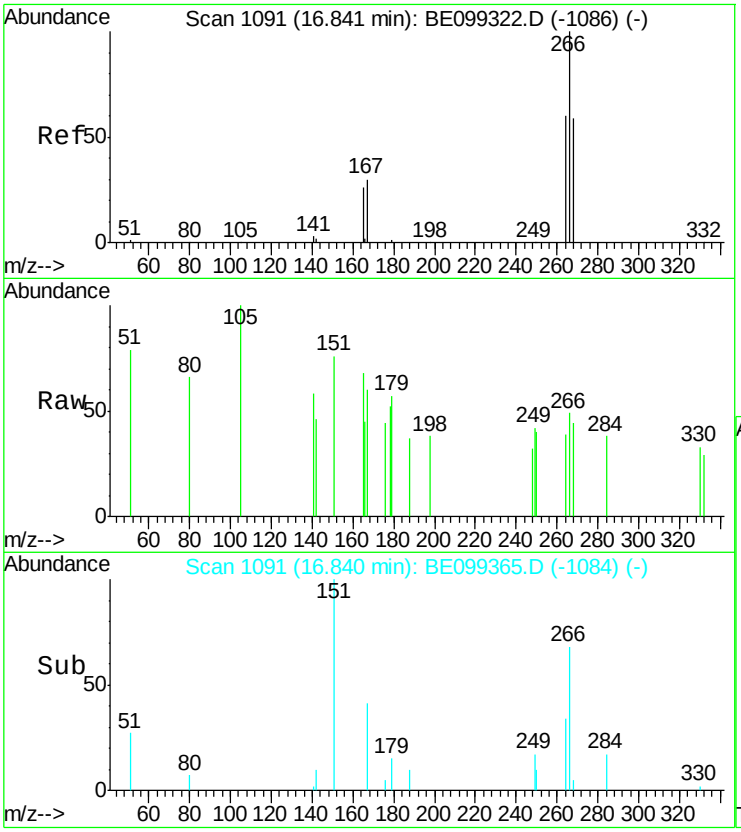


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion:188 Resp: 31763

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.2	9.4



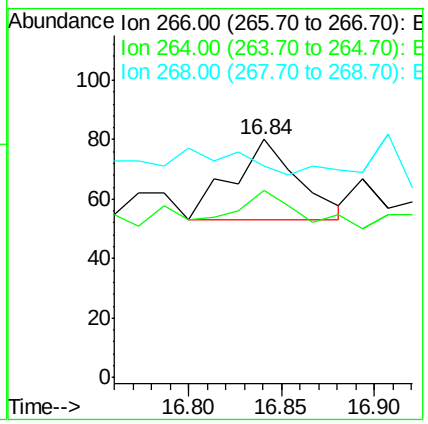


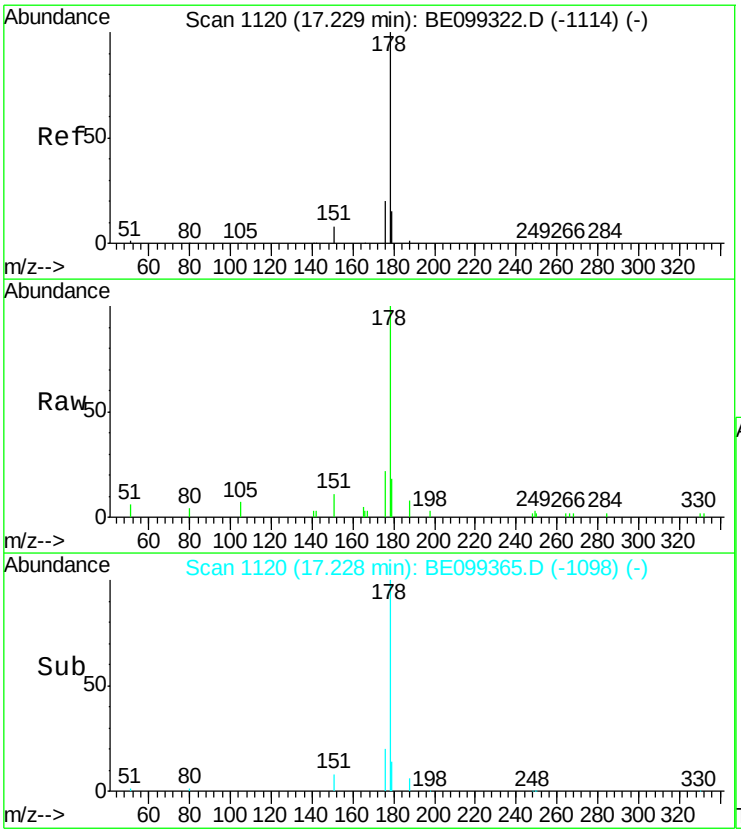
#22
Pentachlorophenol
Concen: 0.230 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 67

Ion	Ratio	Lower	Upper
266	100		
264	78.8	54.5	81.7
268	88.8	54.3	81.5#

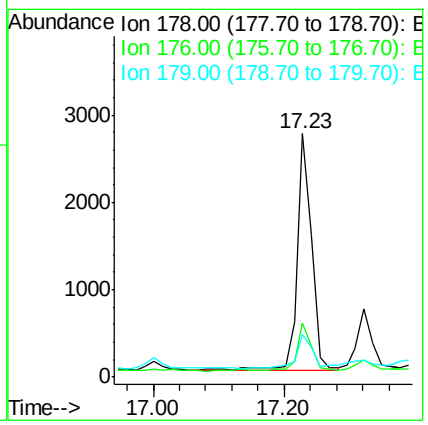


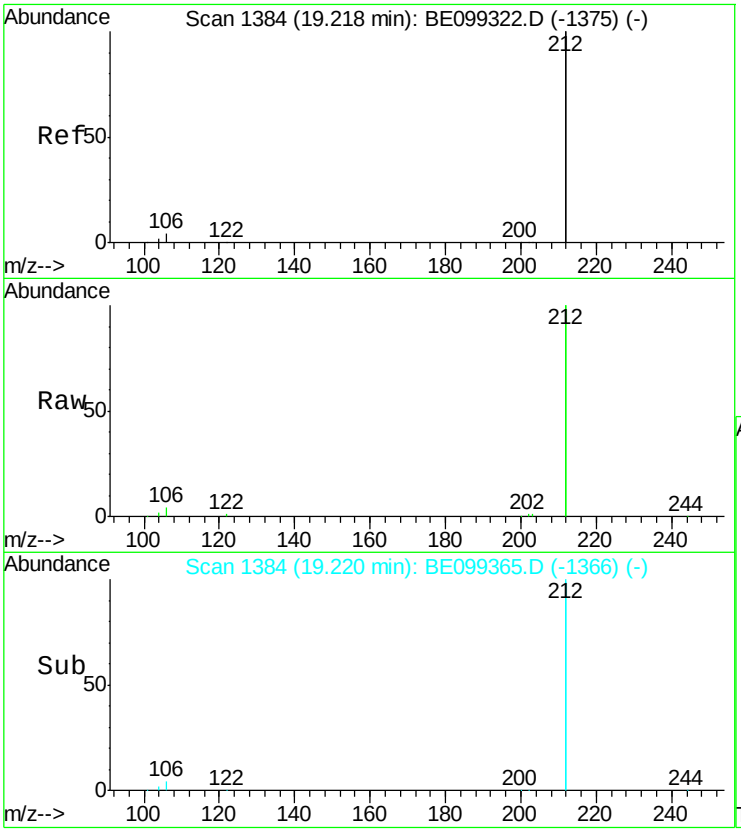


#23
Phenanthrene
Concen: 0.050 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion:178 Resp: 4186

Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.3	22.9
179	16.9	12.4	18.6



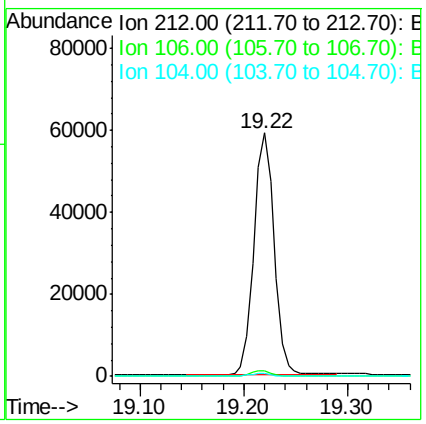


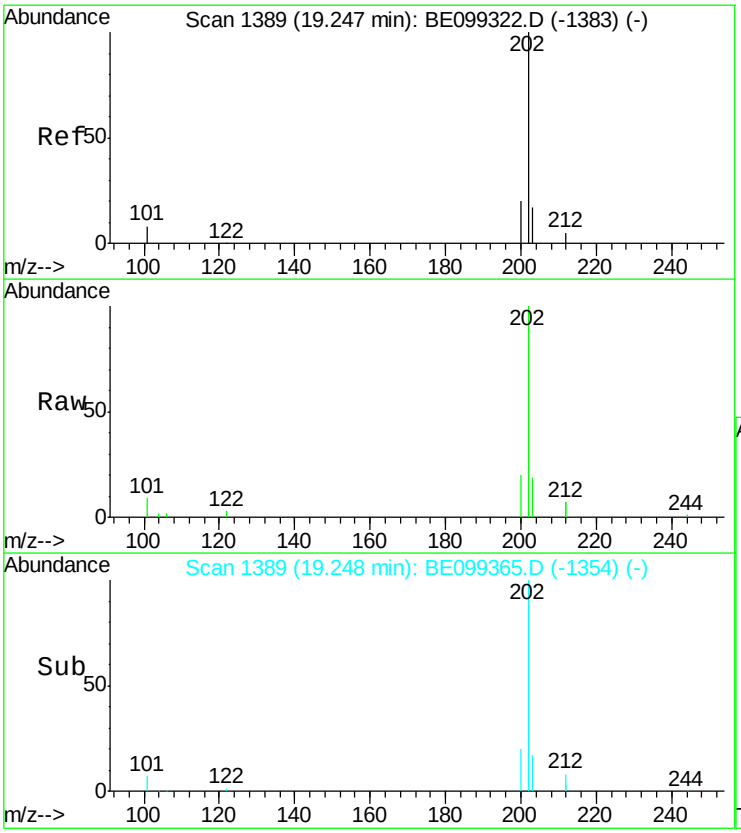
#25
Fluoranthene-d10
Concen: 0.210 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 80193

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.8	2.6
104	1.2	1.0	1.4

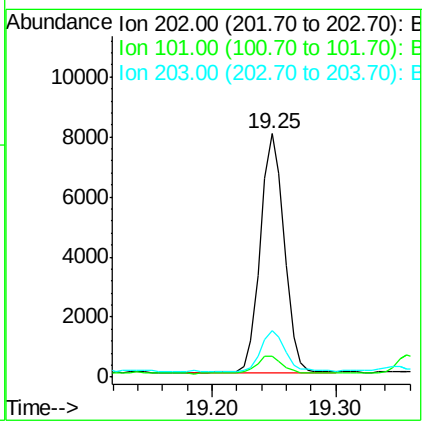


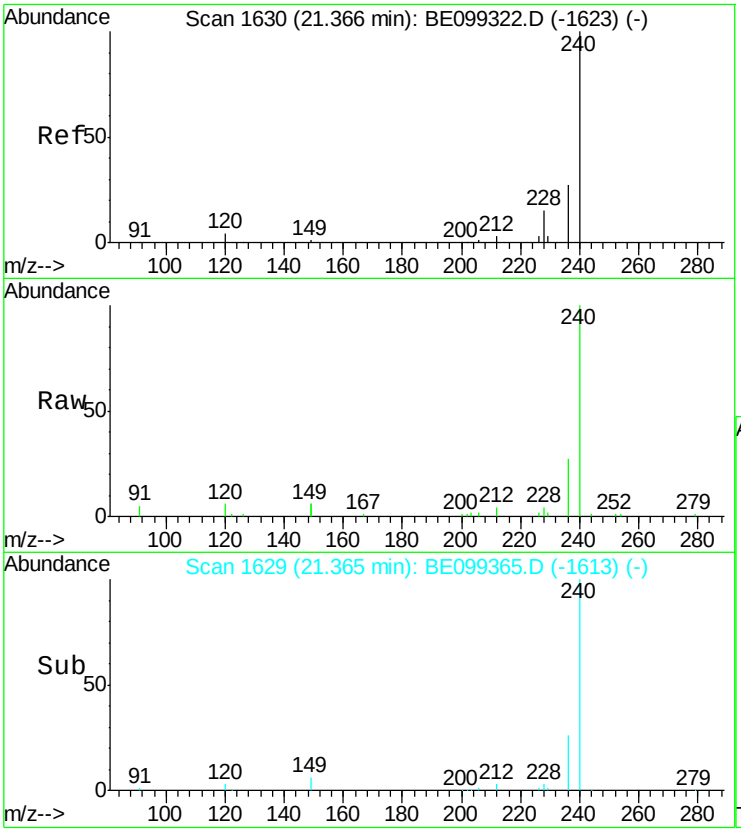


#26
Fluoranthene
Concen: 0.096 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion:202 Resp: 10863

Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.4	9.6
203	17.5	13.5	20.3



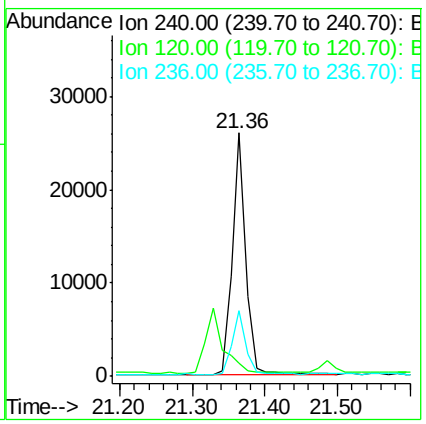


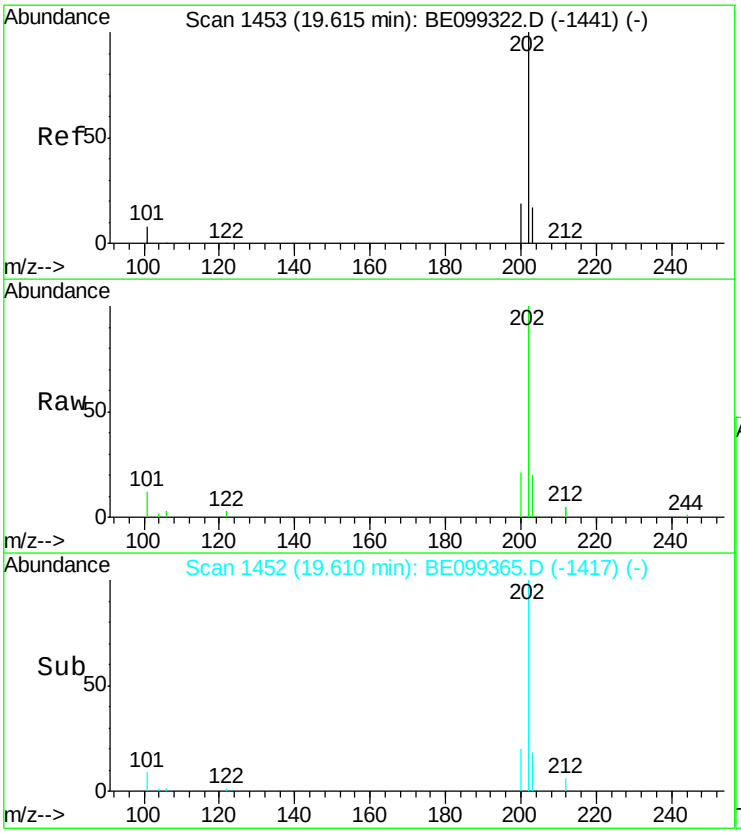
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.36 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 34275

Ion	Ratio	Lower	Upper
240	100		
120	5.5	2.2	3.2#
236	27.0	20.2	30.4

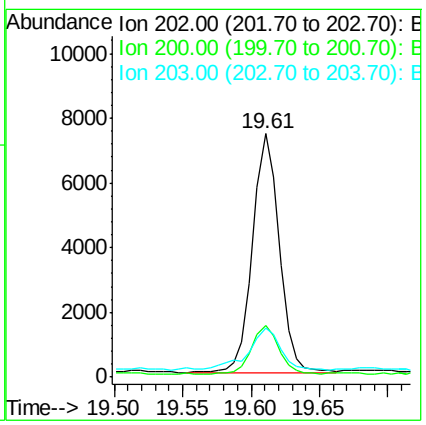


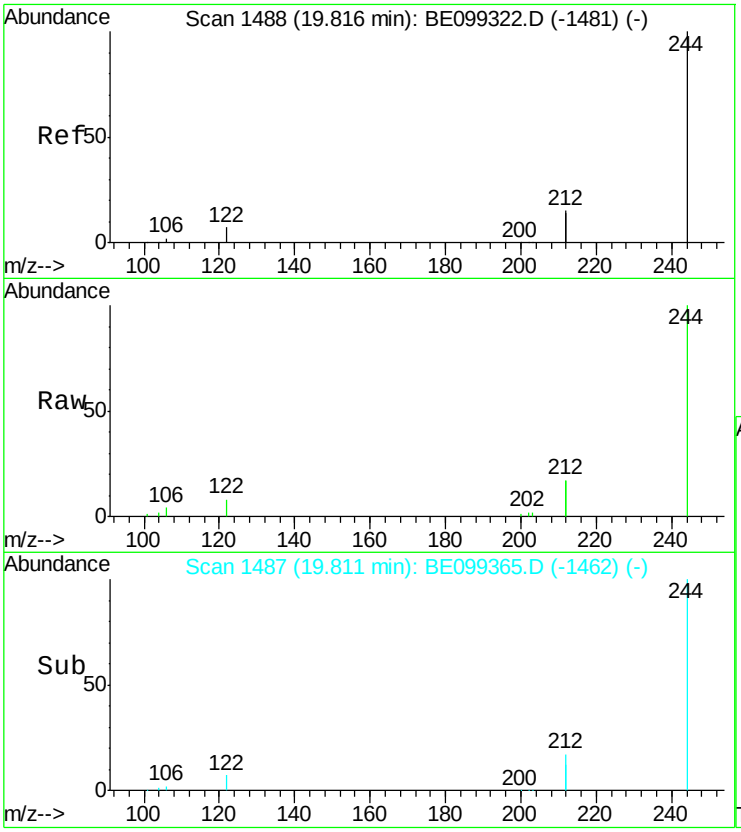


#28
Pyrene
Concen: 0.098 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion:202 Resp: 9908

Ion	Ratio	Lower	Upper
202	100		
200	21.1	15.7	23.5
203	20.6	13.7	20.5#



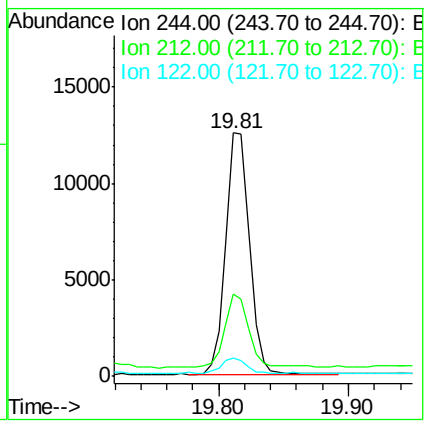


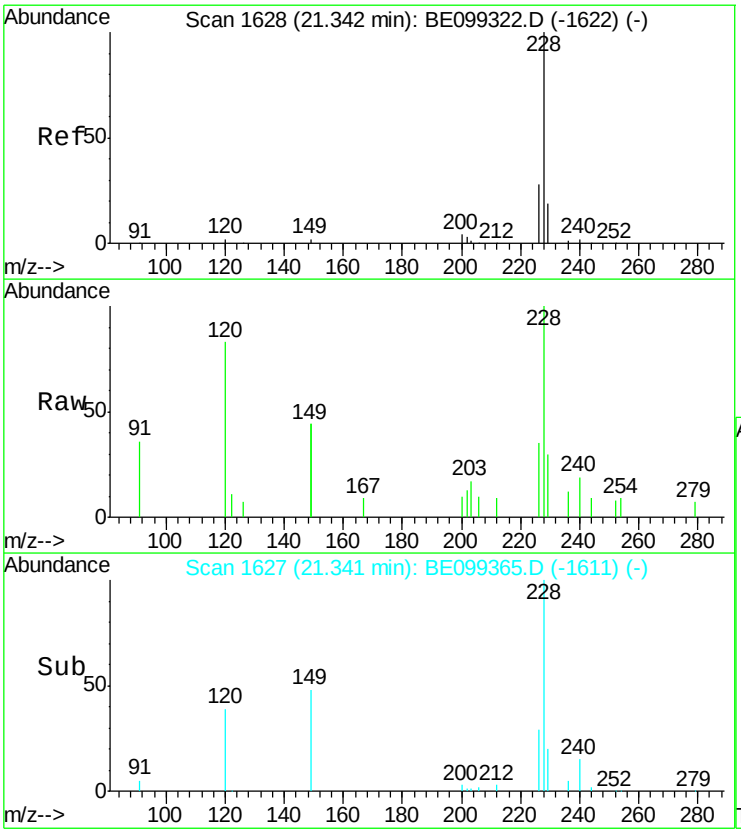
#29
Terphenyl-d14
Concen: 0.235 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 15838

Ion	Ratio	Lower	Upper
244	100		
212	33.6	22.6	33.8
122	7.8	4.6	7.0#

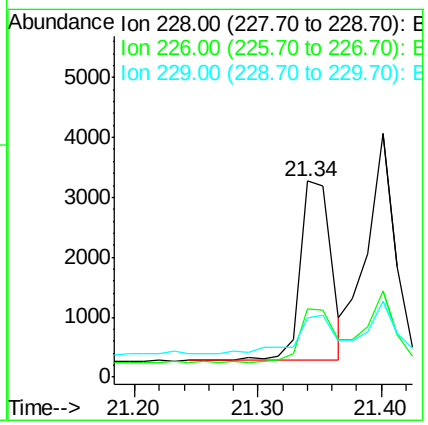


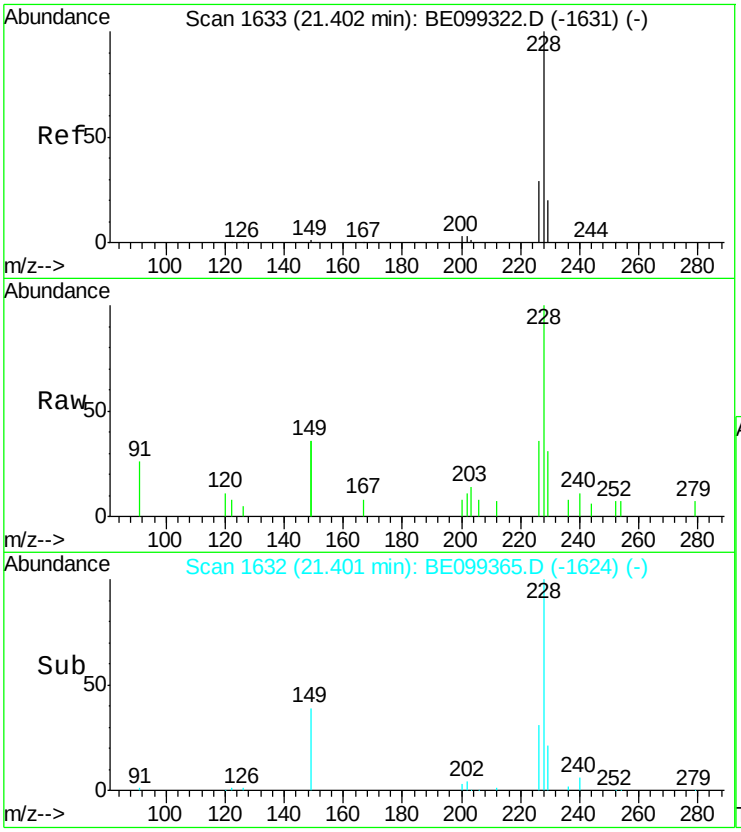


#30
Benzo(a)anthracene
Concen: 0.051 ng
RT: 21.34 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion:228 Resp: 5171

Ion	Ratio	Lower	Upper
228	100		
226	35.2	22.0	33.0#
229	30.0	15.8	23.8#



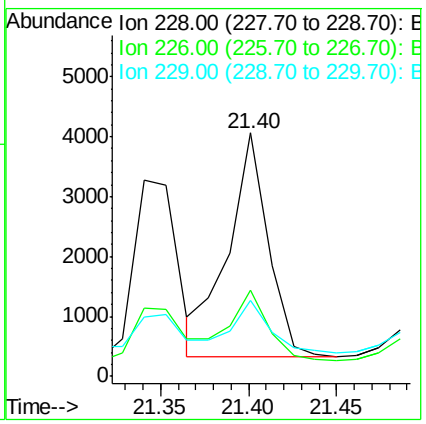


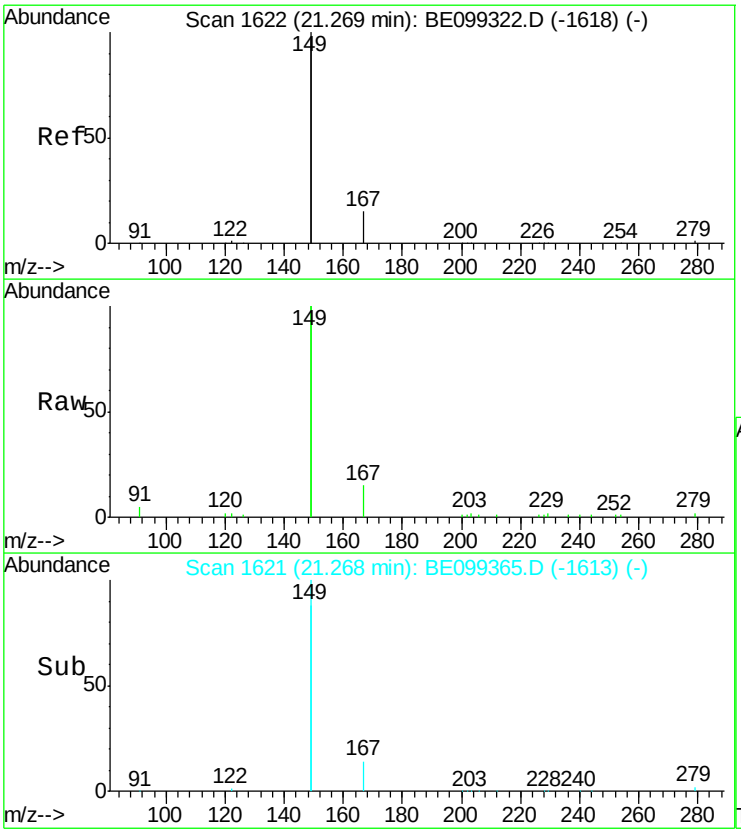
#31
Chrysene
Concen: 0.056 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5959

Ion	Ratio	Lower	Upper
228	100		
226	35.5	23.4	35.2#
229	31.1	16.2	24.2#

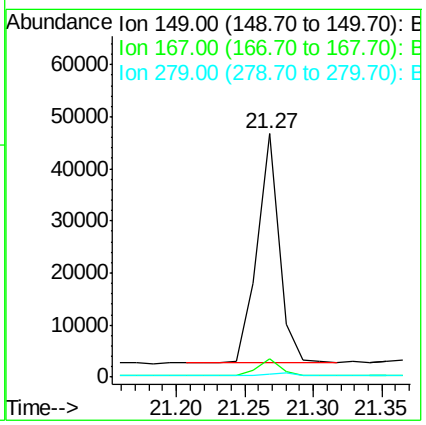


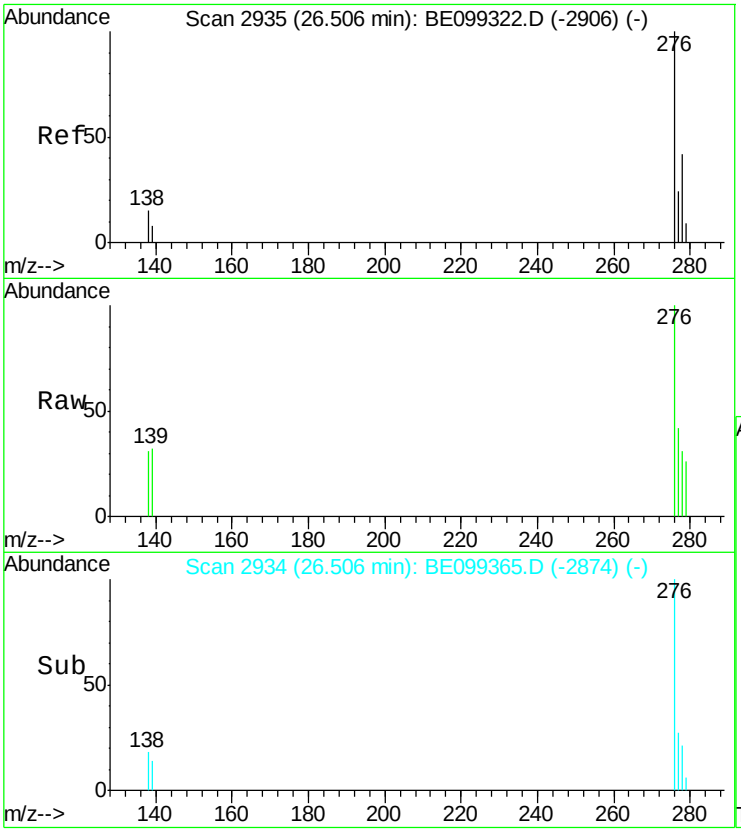


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.541 ng
RT: 21.27 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion:149 Resp: 49613

Ion	Ratio	Lower	Upper
149	100		
167	7.3	6.0	9.0
279	1.8	1.1	1.7#



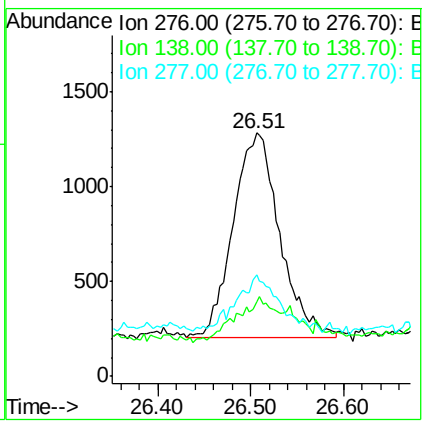


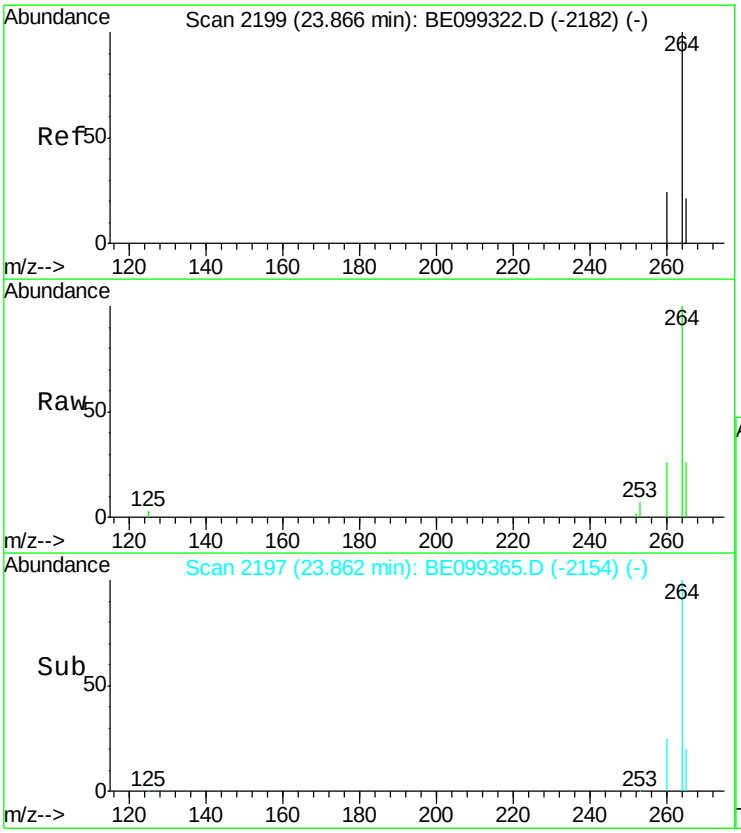
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng
RT: 26.51 min Scan# 2934
Delta R.T. 0.01 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3781

Ion	Ratio	Lower	Upper
276	100		
138	18.3	12.7	19.1
277	17.5	19.6	29.4#

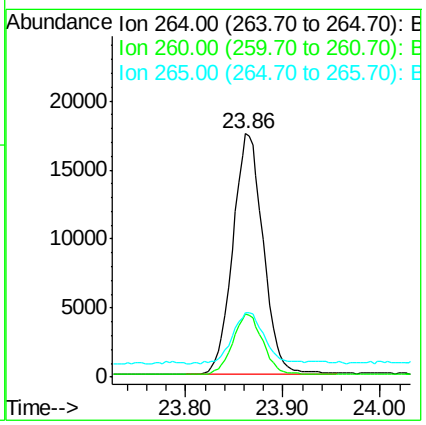


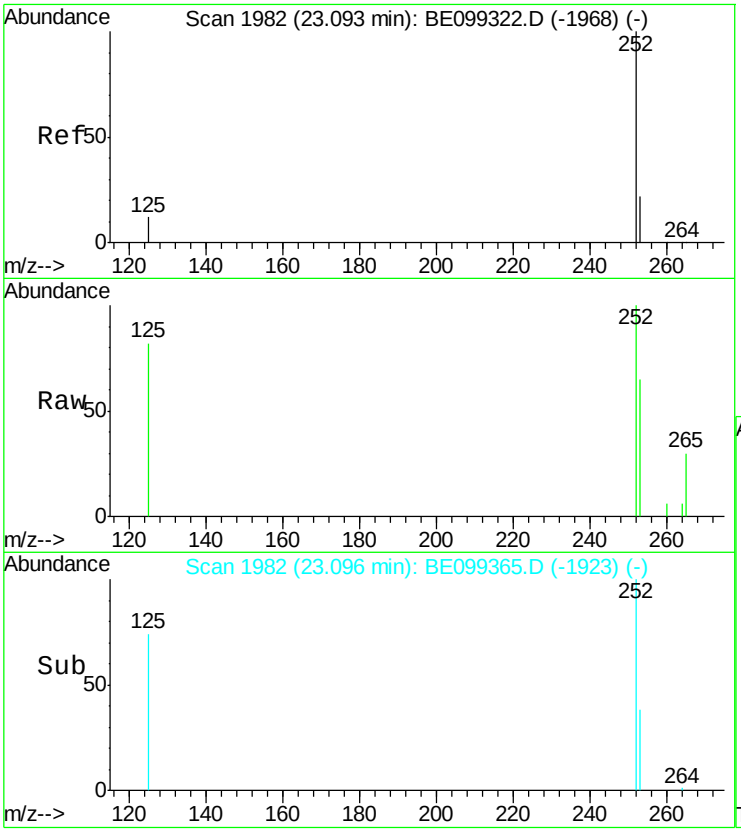


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion:264 Resp: 38084

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	26.2	19.9	29.9



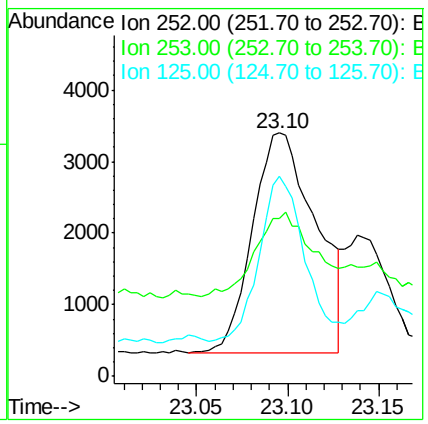


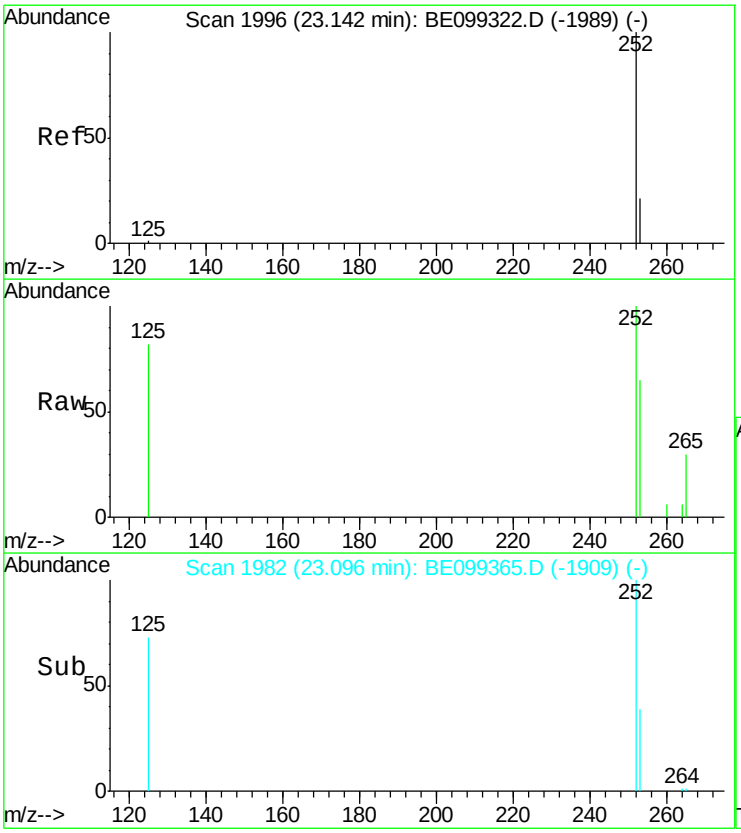
#35
Benzo(b)fluoranthene
Concen: 0.064 ng
RT: 23.10 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7481

Ion	Ratio	Lower	Upper
252	100		
253	64.9	17.3	25.9#
125	82.0	5.8	8.6#

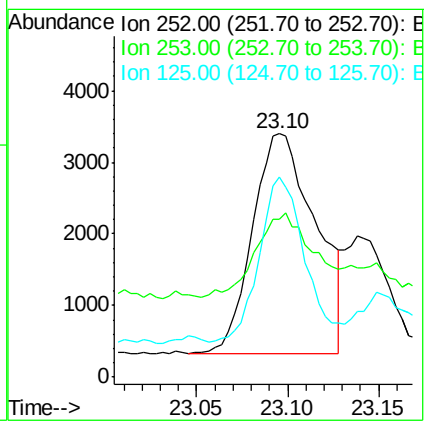


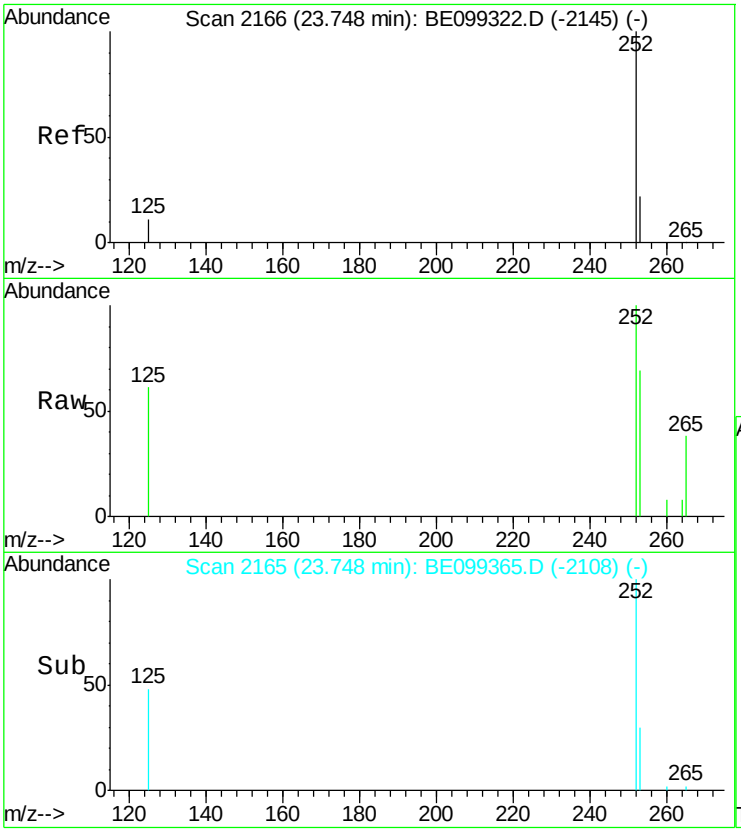


#36
Benzo(k)fluoranthene
Concen: 0.064 ng
RT: 23.10 min Scan# 1982
Delta R.T. -0.04 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion:252 Resp: 7481

Ion	Ratio	Lower	Upper
252	100		
253	64.9	18.4	27.6#
125	82.0	5.4	8.0#



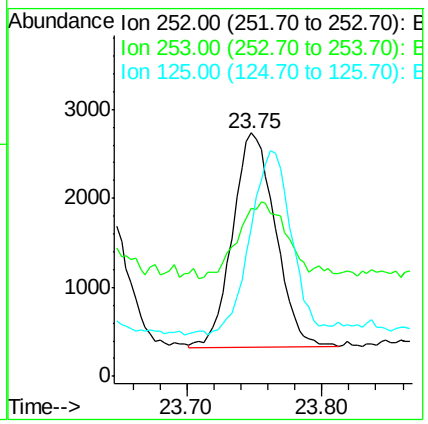


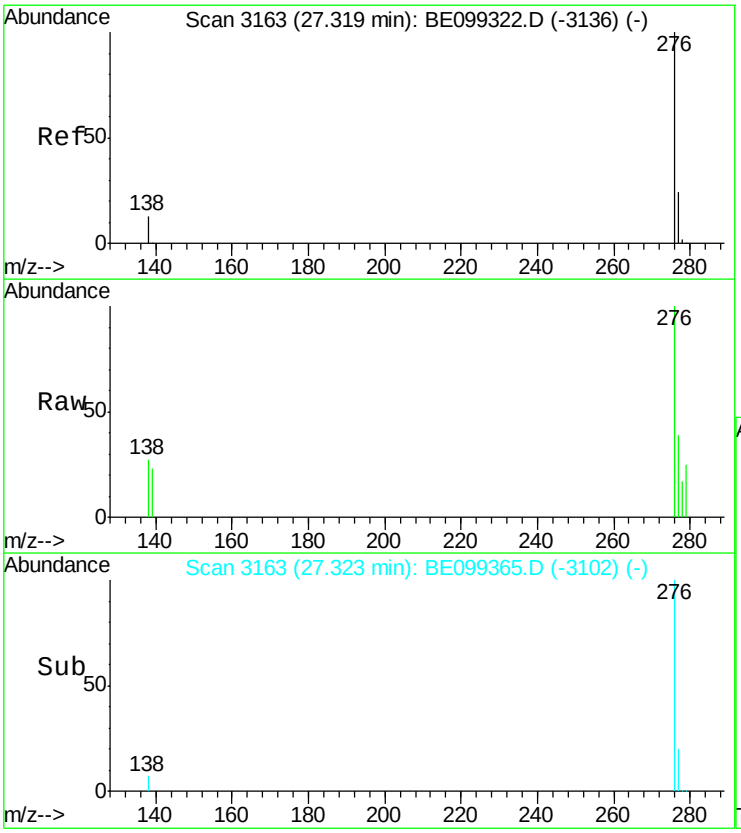
#37
Benzo(a)pyrene
Concen: 0.051 ng
RT: 23.75 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5281

Ion	Ratio	Lower	Upper
252	100		
253	69.0	17.6	26.4#
125	60.8	6.5	9.7#





#39
Benzo(g,h,i)perylene
Concen: 0.031 ng
RT: 27.32 min Scan# 3163
Delta R.T. 0.02 min
Lab File: BE099365.D
Acq: 25 Apr 2019 17:26

Tgt Ion:276 Resp: 3377

Ion	Ratio	Lower	Upper
276	100		
277	38.7	20.0	30.0#
138	27.1	11.1	16.7#