Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
Data File : BE100768.D
Acq On : 22 Nov 2019 21:26
Operator : JU
Sample : K5969-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : HF-104S

Quant Time: Nov 23 04:48:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:40:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	6802	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	31583	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	20343	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	42375	0.40	ng		0.00
27) Chrysene-d12	21.32	240	39712	0.40	ng		0.00
34) Perylene-d12	23.77	264	45766	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	3297	0.18	ng		0.00
5) Phenol-d6	6.93	99	2875	0.11	ng		0.00
8) Nitrobenzene-d5	8.90	82	8575	0.85	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	17859	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	2911	1.02	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	25105	0.32	ng		0.00
25) Fluoranthene-d10	19.17	212	200406	0.39	ng		0.00
29) Terphenyl-d14	19.77	244	40320	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	63392	4.968	ng		98
9) Naphthalene	10.59	128	17198	0.051	ng	#	95
12) 2-Methylnaphthalene	12.21	142	1475	0.028	ng	#	69
17) Acenaphthene	14.47	154	32318	0.550	ng		98
24) Anthracene	17.27	178	5789	0.053	ng	#	80
26) Fluoranthene	19.20	202	27291	0.175	ng	#	95
28) Pyrene	19.56	202	19627	0.160	ng	#	89
30) Benzo(a)anthracene	21.30	228	2968	0.022	ng	#	44
32) Bis(2-ethylhexyl)phthalate	21.26	149	29230	0.123	ng	#	97

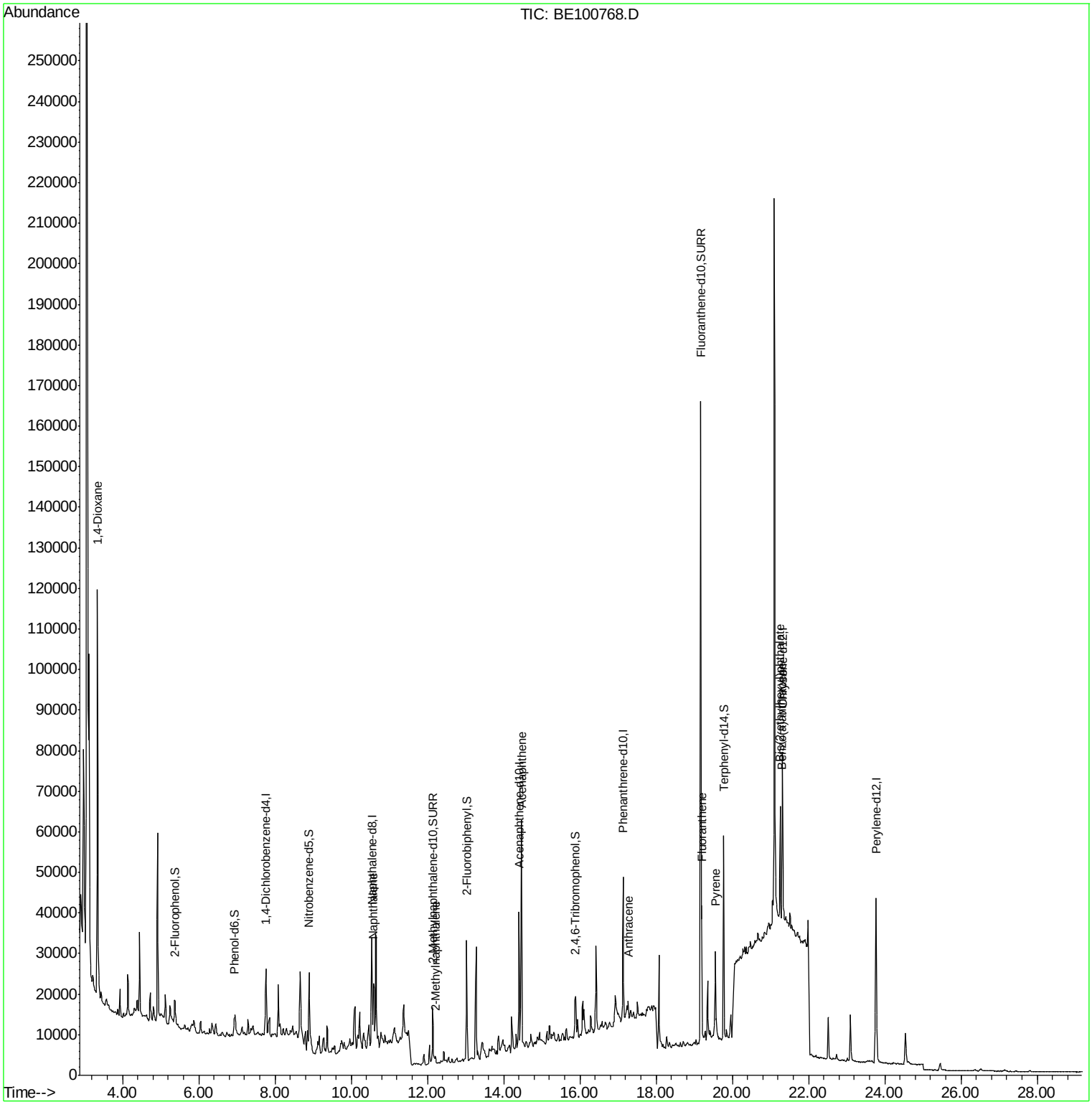
(#) = qualifier out of range (m) = manual integration (+) = signals summed

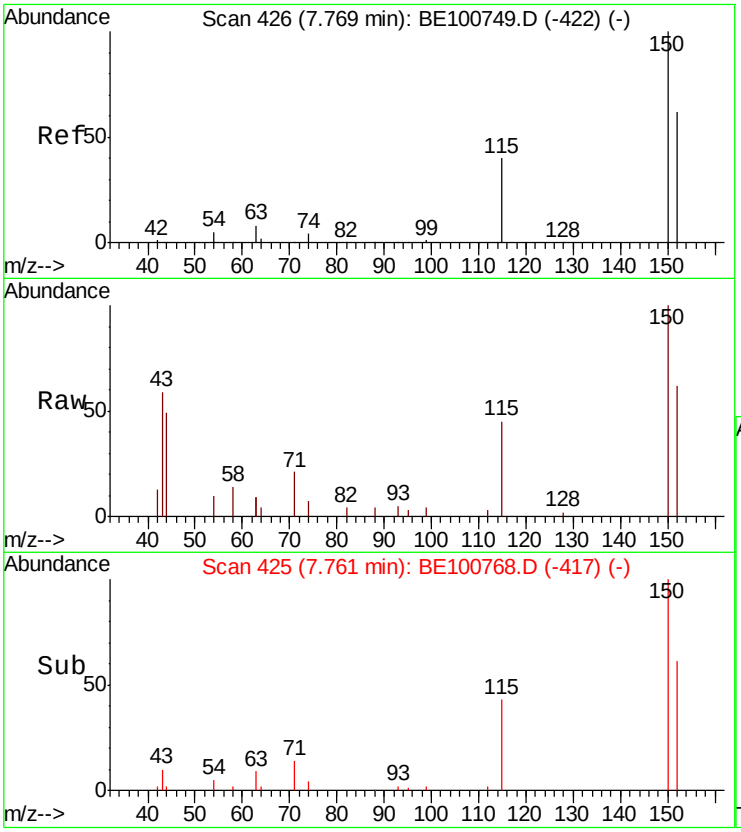
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
Data File : BE100768.D
Acq On : 22 Nov 2019 21:26
Operator : JU
Sample : K5969-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : HF-104S

Quant Time: Nov 23 04:48:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:40:44 2019
Response via : Initial Calibration



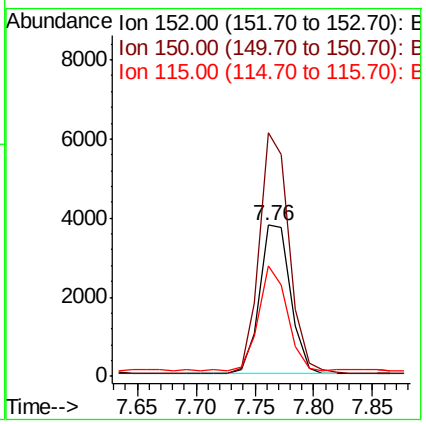


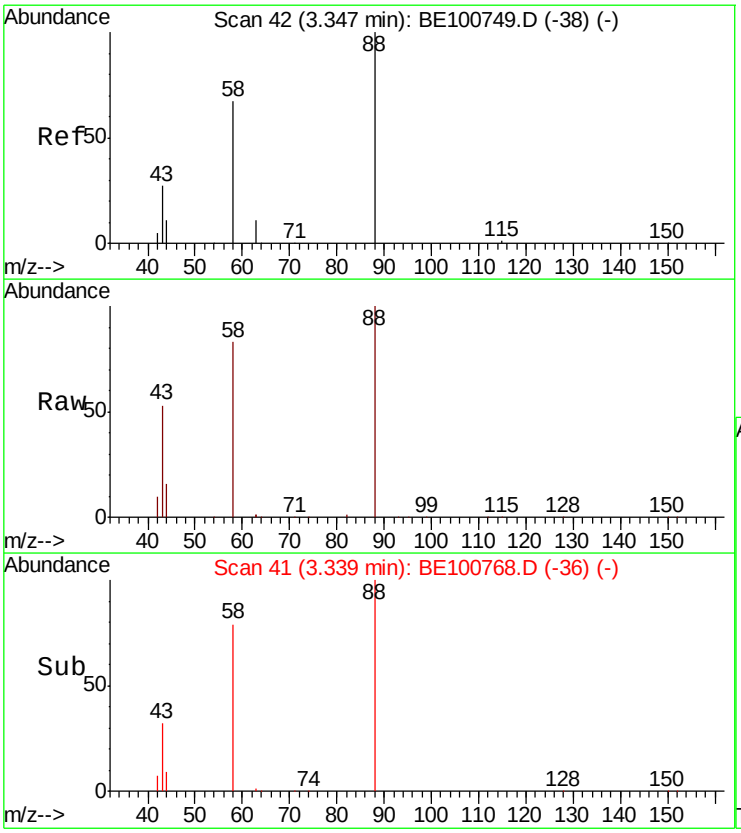
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Instrument :
BNA_E
ClientSampleId :
HF-104S

Tgt Ion:152 Resp: 6802

Ion	Ratio	Lower	Upper
152	100		
150	161.4	127.1	190.7
115	73.2	53.0	79.4

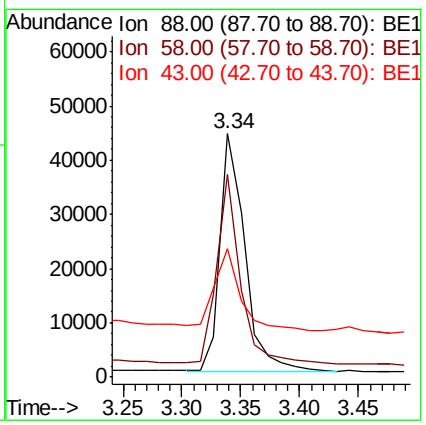


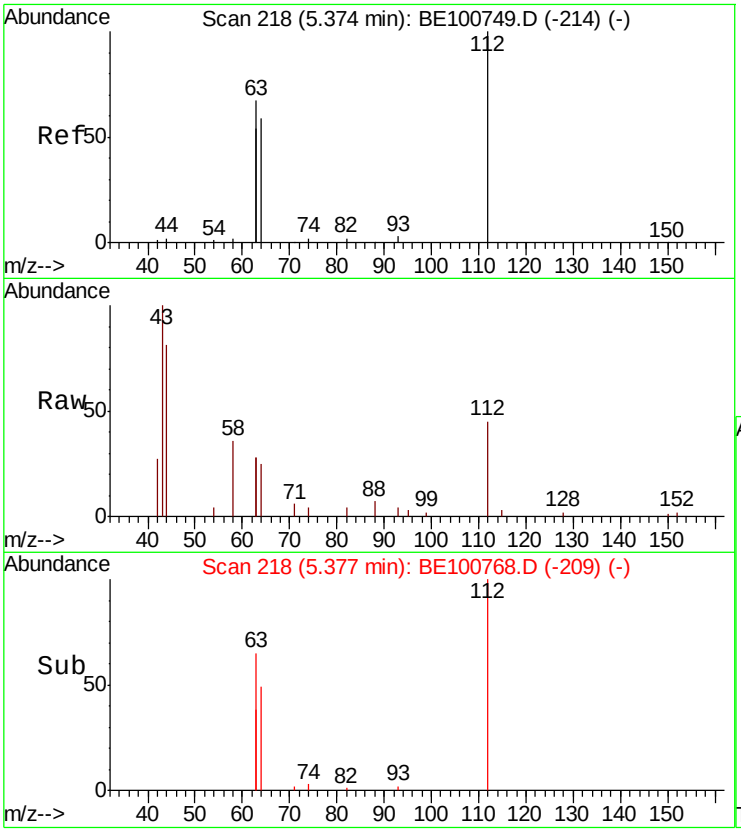


#2
1,4-Dioxane
Concen: 4.968 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Tgt Ion: 88 Resp: 63392

Ion	Ratio	Lower	Upper
88	100		
58	75.7	60.7	91.1
43	37.6	27.4	41.2



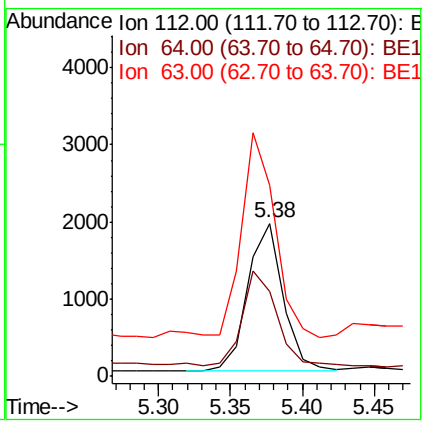


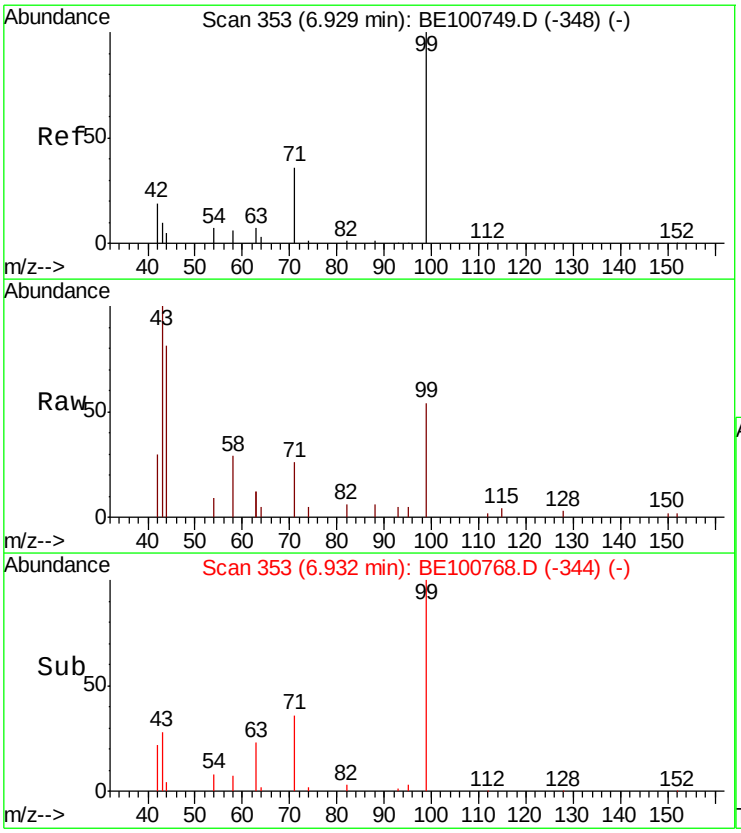
#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Instrument :
BNA_E
ClientSampleId :
HF-104S

Tgt Ion:112 Resp: 3297

Ion	Ratio	Lower	Upper
112	100		
64	59.6	54.3	81.5
63	133.2	114.0	171.0

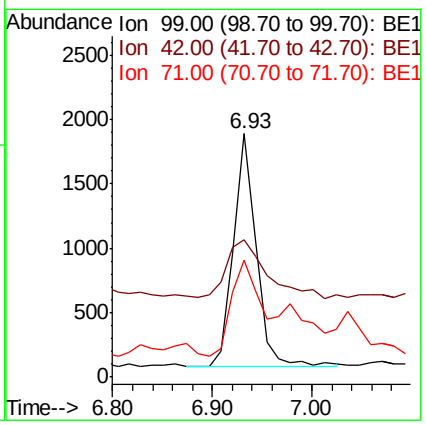


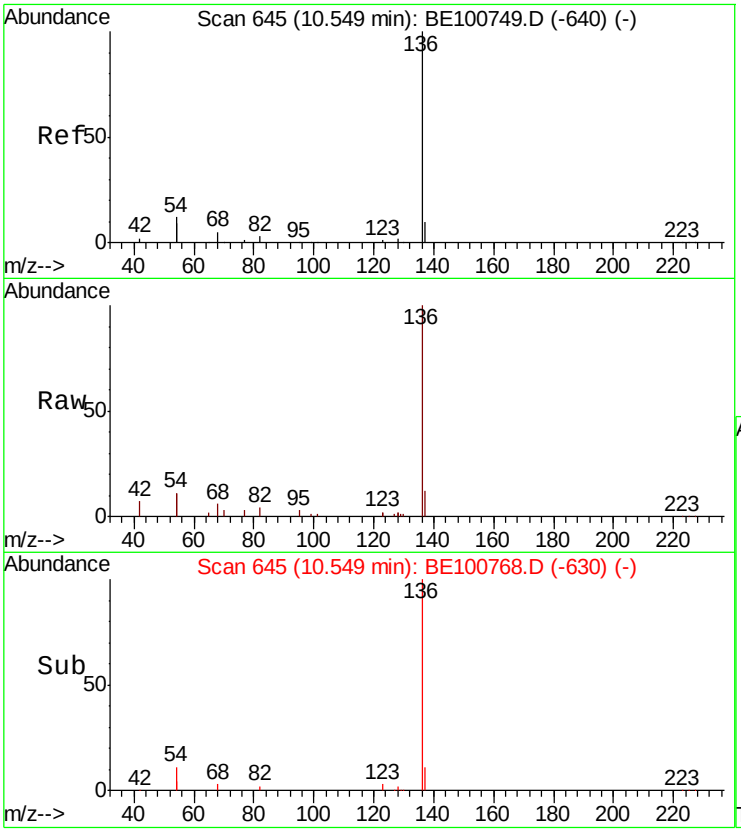


#5
Phenol-d6
Concen: 0.108 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Tgt Ion: 99 Resp: 2875

Ion	Ratio	Lower	Upper
99	100		
42	45.4	17.9	26.9#
71	57.5	29.3	43.9#



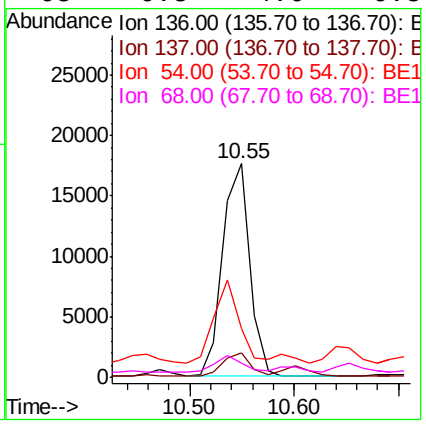


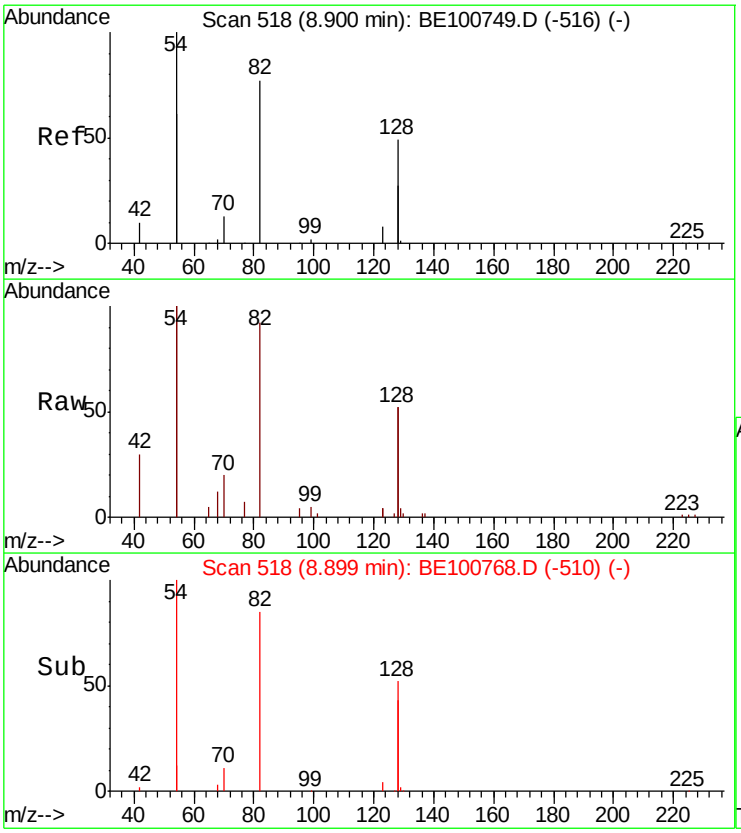
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Instrument :
BNA_E
ClientSampleId :
HF-104S

Tgt Ion:136 Resp: 31583

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	22.6	19.4	29.0
68	6.3	4.6	6.8

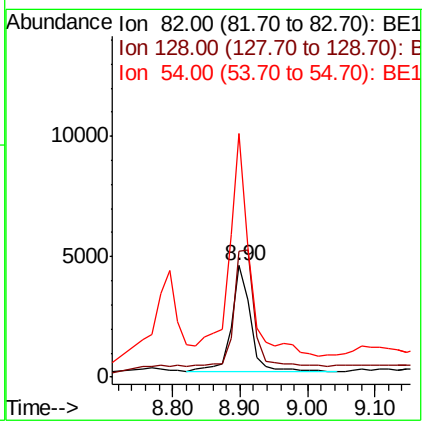


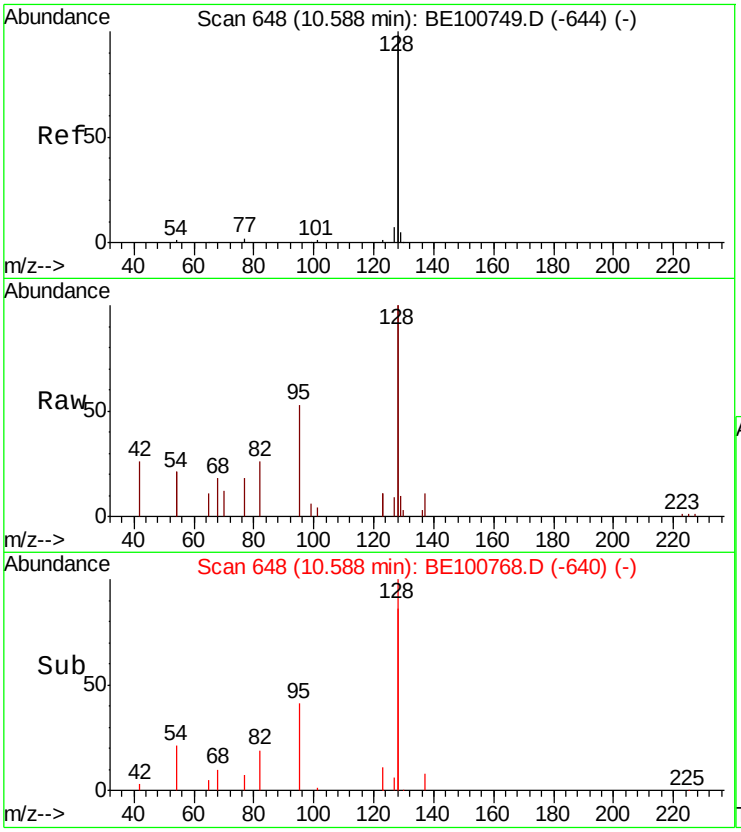


#8
Nitrobenzene-d5
Concen: 0.847 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Tgt Ion: 82 Resp: 8575

Ion	Ratio	Lower	Upper
82	100		
128	113.3	90.2	135.4
54	218.5	186.0	279.0



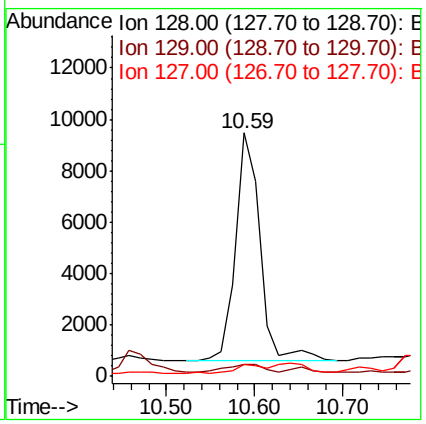


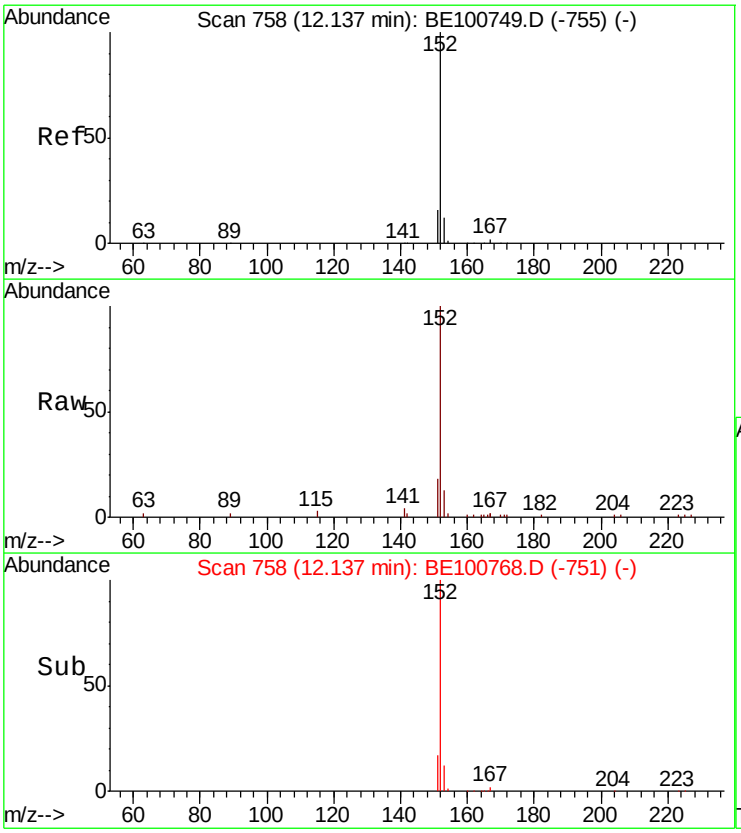
#9
Naphthalene
Concen: 0.051 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Instrument :
BNA_E
ClientSampleId :
HF-104S

Tgt Ion:128 Resp: 17198

Ion	Ratio	Lower	Upper
128	100		
129	4.9	2.3	3.5#
127	4.7	2.7	4.1#

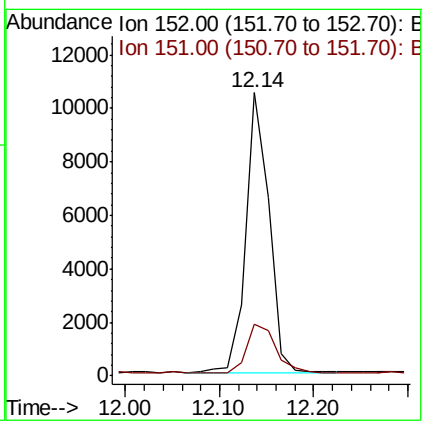


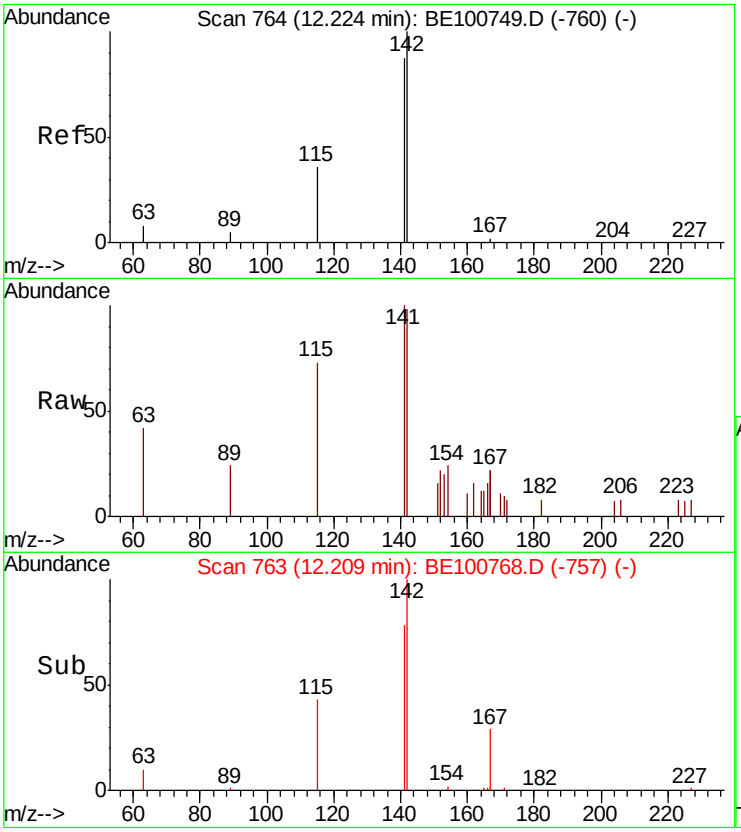


#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Tgt Ion:152 Resp: 17859

Ion	Ratio	Lower	Upper
152	100		
151	22.6	15.8	23.8



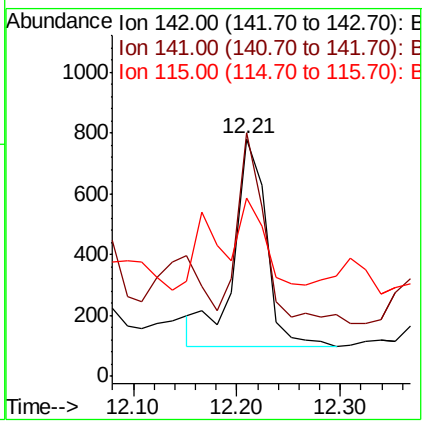


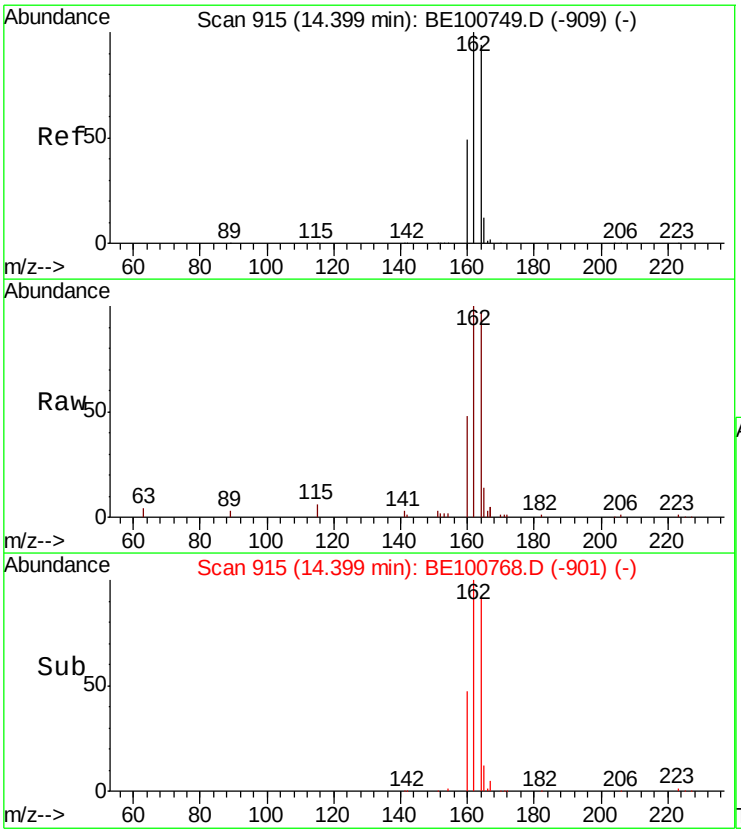
#12
2-Methylnaphthalene
Concen: 0.028 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Instrument :
BNA_E
ClientSampleId :
HF-104S

Tgt Ion:142 Resp: 1475

Ion	Ratio	Lower	Upper
142	100		
141	102.4	69.9	104.9
115	75.2	29.5	44.3#

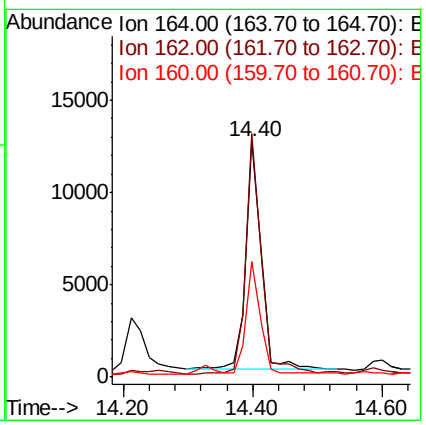


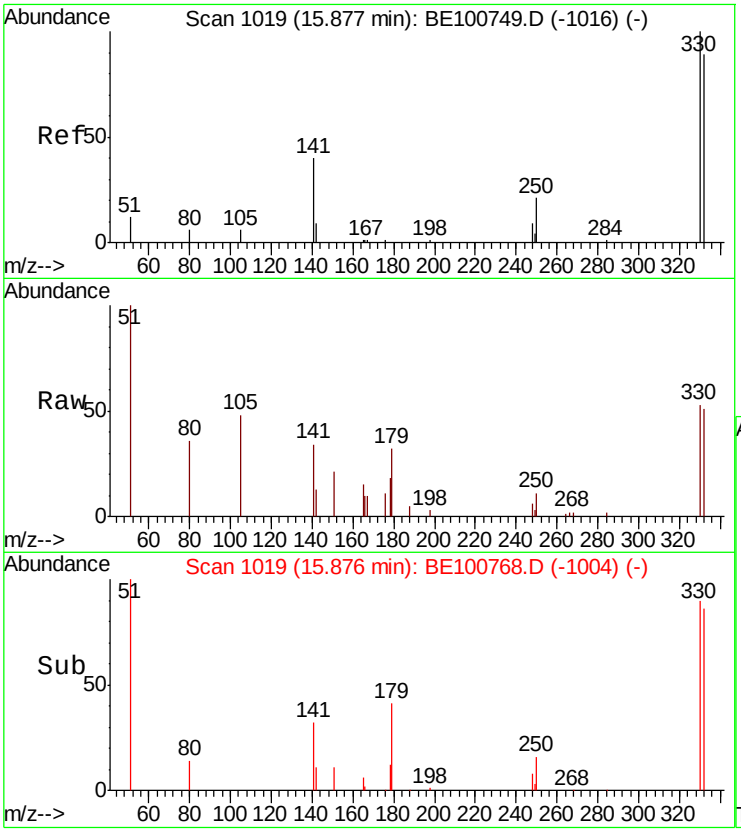


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Tgt Ion:164 Resp: 20343

Ion	Ratio	Lower	Upper
164	100		
162	103.3	84.8	127.2
160	49.3	42.3	63.5



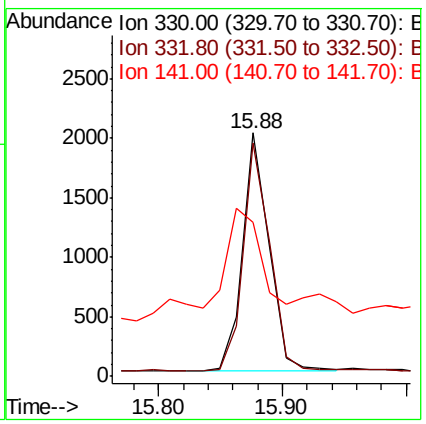


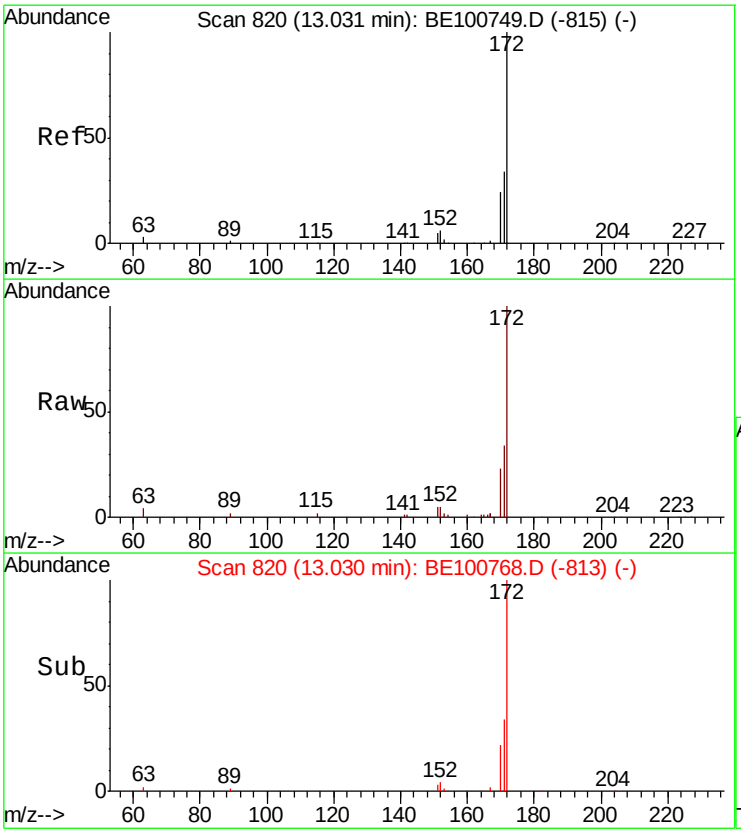
#14
2,4,6-Tribromophenol
Concen: 1.015 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Instrument :
BNA_E
ClientSampleId :
HF-104S

Tgt Ion:330 Resp: 2911

Ion	Ratio	Lower	Upper
330	100		
332	99.0	79.3	118.9
141	79.1	43.8	65.6#

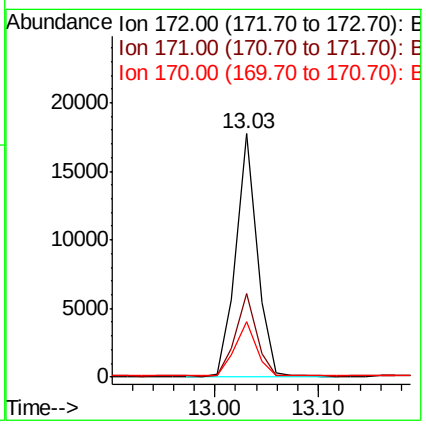


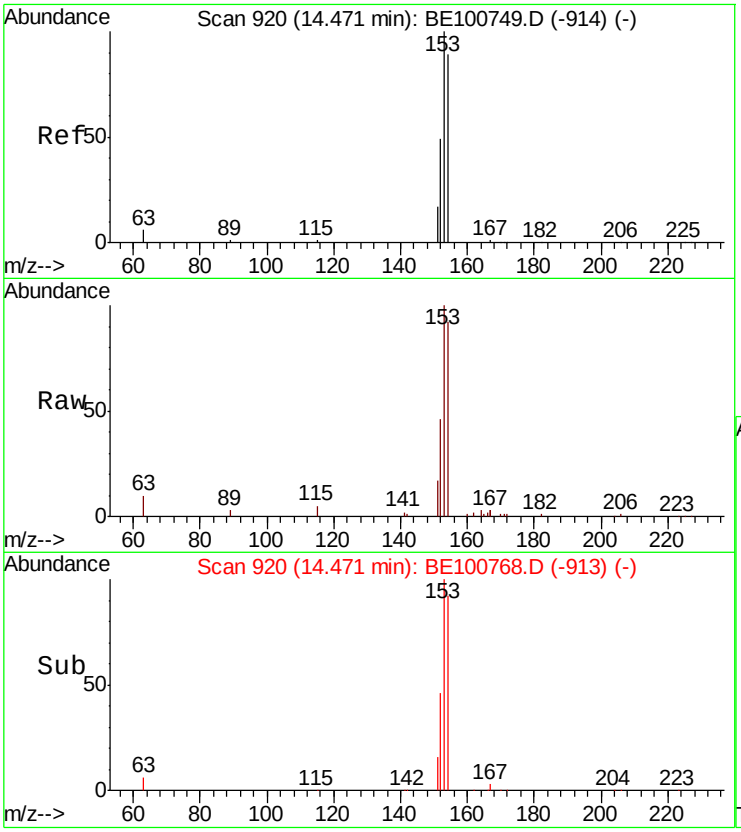


#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Tgt Ion:172 Resp: 25105

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	22.9	19.4	29.2



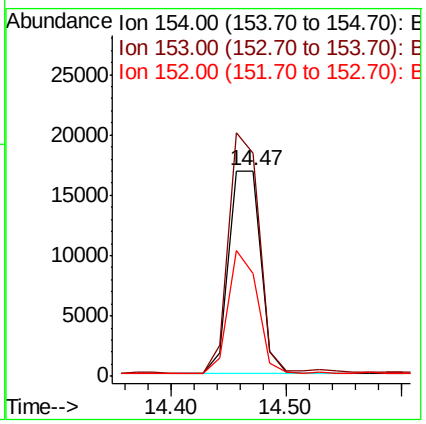


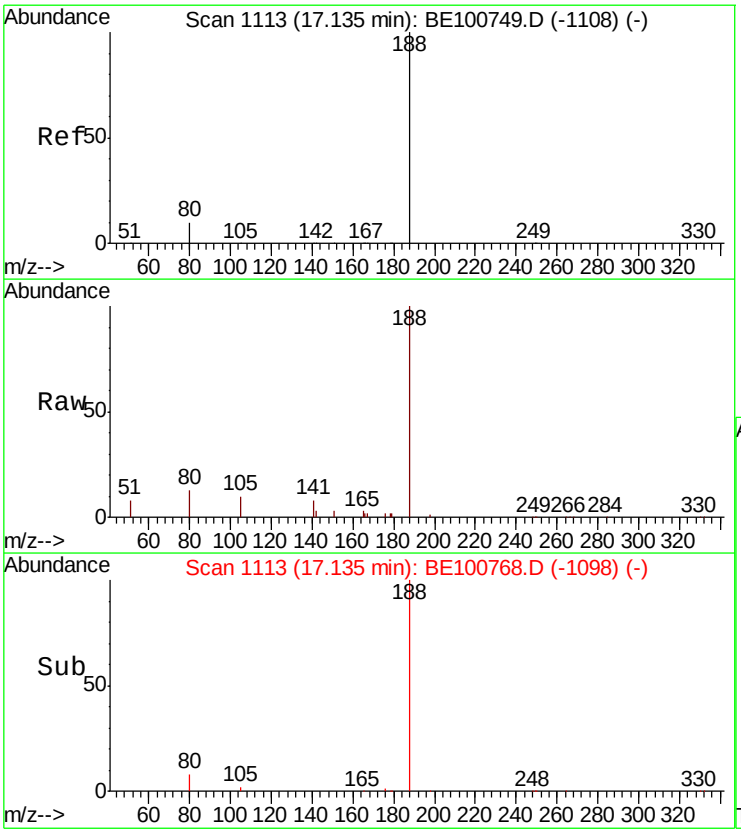
#17
Acenaphthene
Concen: 0.550 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Instrument :
BNA_E
ClientSampleId :
HF-104S

Tgt Ion:154 Resp: 32318

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.6	137.4
152	55.7	47.0	70.6

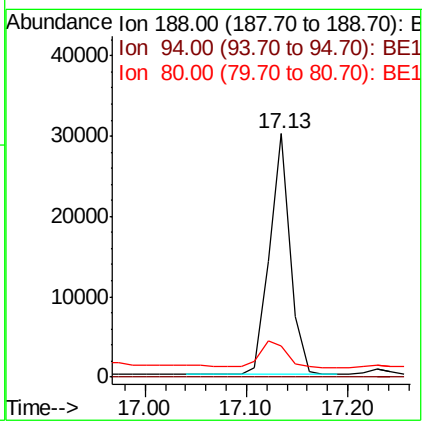


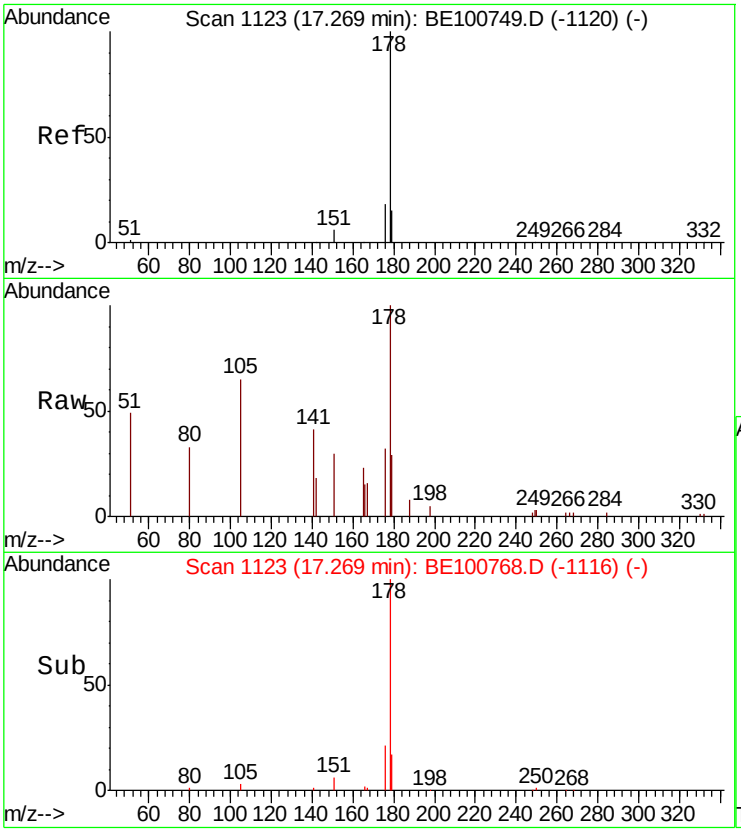


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Tgt Ion:188 Resp: 42375

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	8.2	12.2#



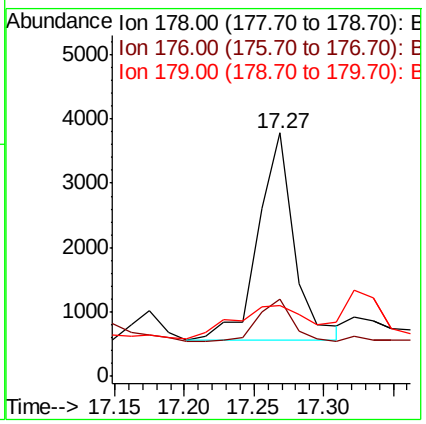


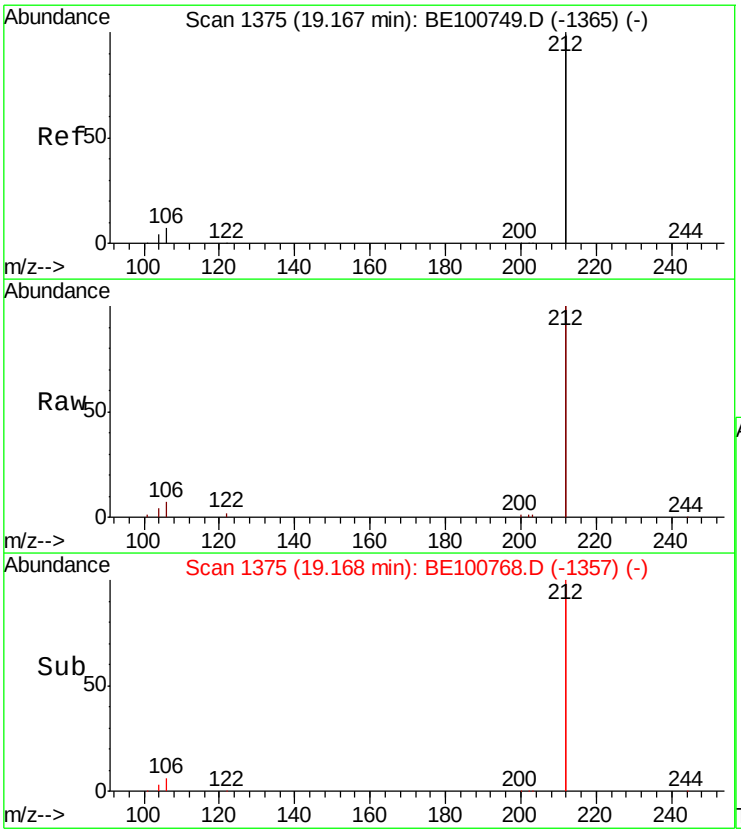
#24
Anthracene
Concen: 0.053 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Instrument :
BNA_E
ClientSampleId :
HF-104S

Tgt Ion:178 Resp: 5789

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.9	22.3
179	32.3	12.2	18.4#

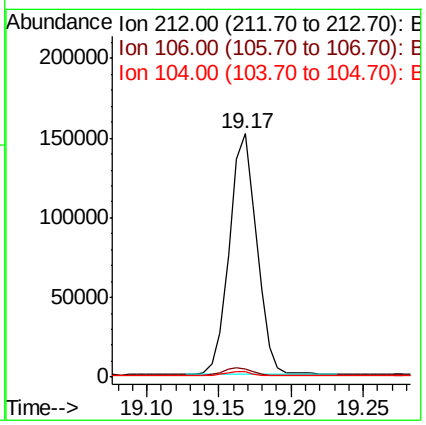


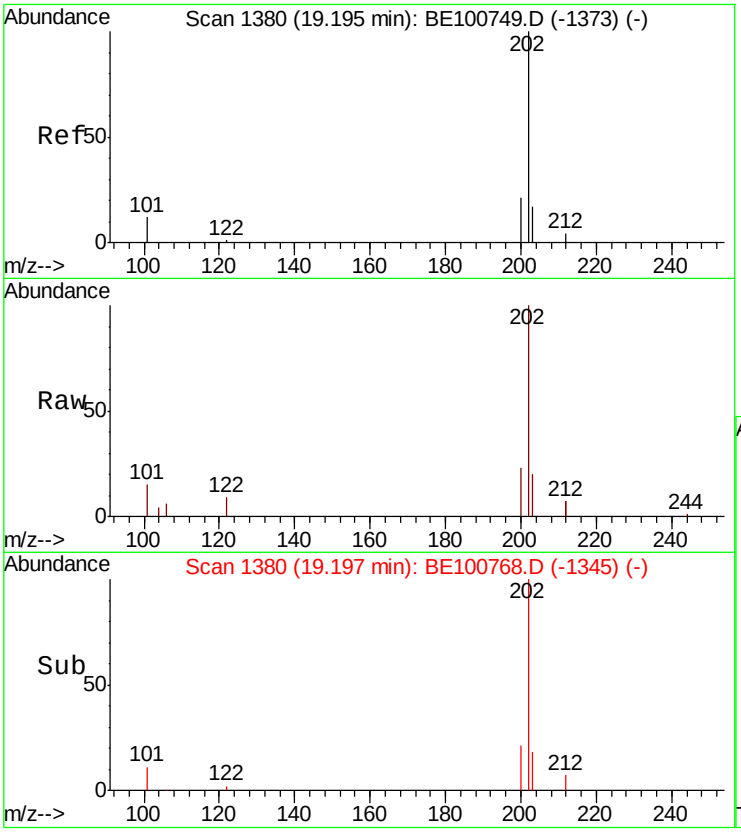


#25
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Tgt Ion:212 Resp: 200406

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.6	4.0
104	2.1	1.5	2.3



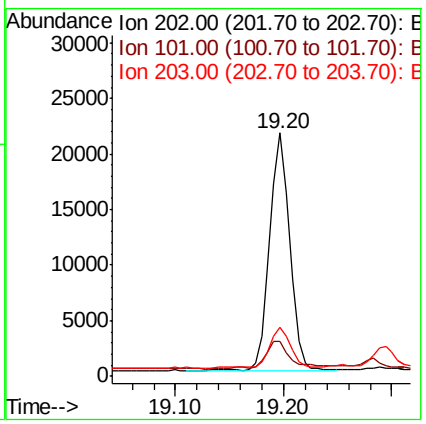


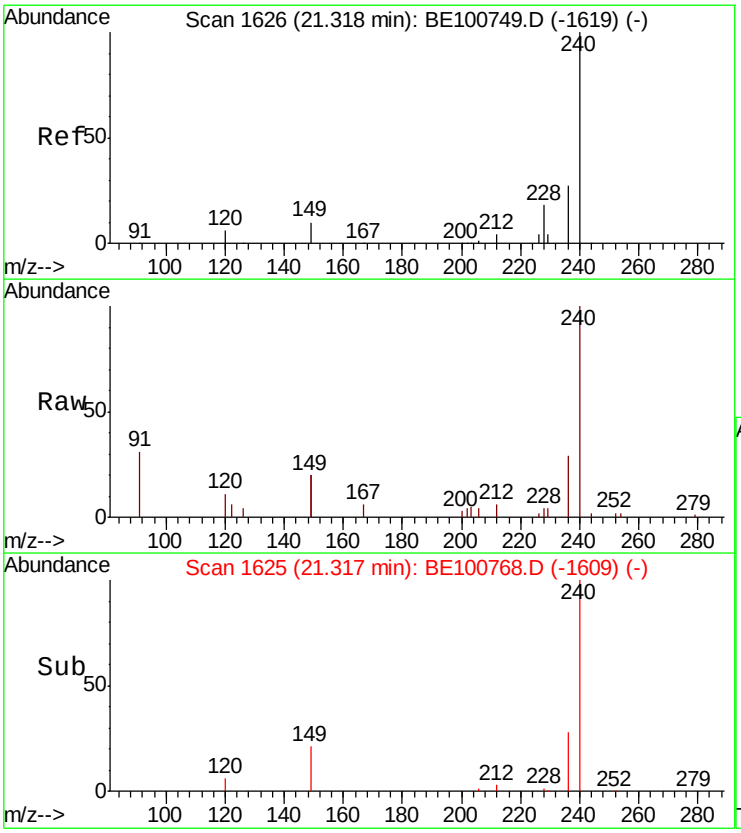
#26
Fluoranthene
Concen: 0.175 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Instrument :
BNA_E
ClientSampleId :
HF-104S

Tgt Ion:202 Resp: 27291

Ion	Ratio	Lower	Upper
202	100		
101	16.1	9.2	13.8#
203	17.0	13.8	20.8

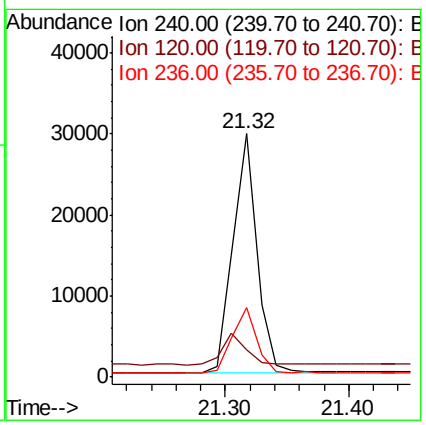


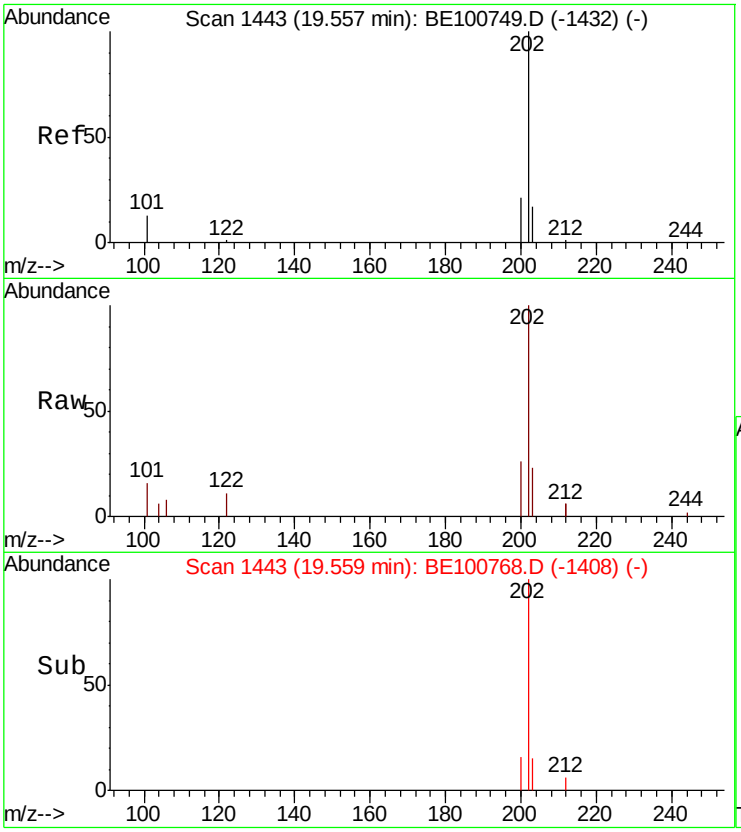


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Tgt Ion:240 Resp: 39712

Ion	Ratio	Lower	Upper
240	100		
120	11.2	5.8	8.8#
236	28.7	21.9	32.9



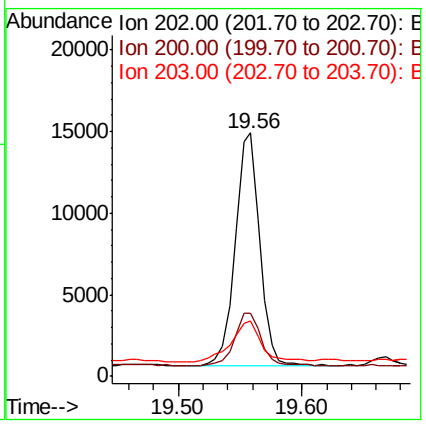


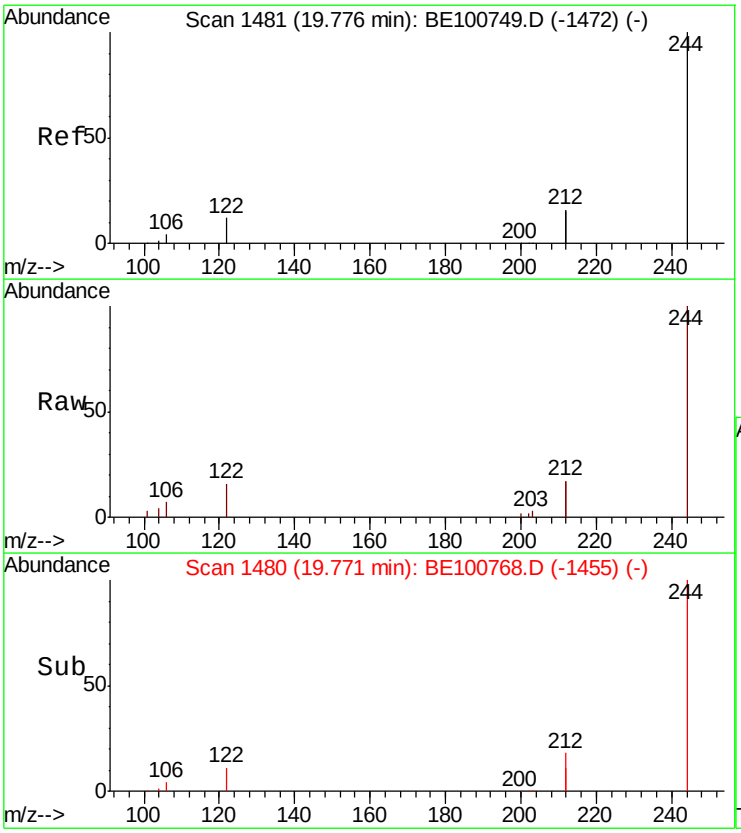
#28
Pyrene
Concen: 0.160 ng
RT: 19.56 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Instrument :
BNA_E
ClientSampleId :
HF-104S

Tgt Ion:202 Resp: 19627

Ion	Ratio	Lower	Upper
202	100		
200	25.9	16.6	24.8#
203	21.9	14.0	21.0#

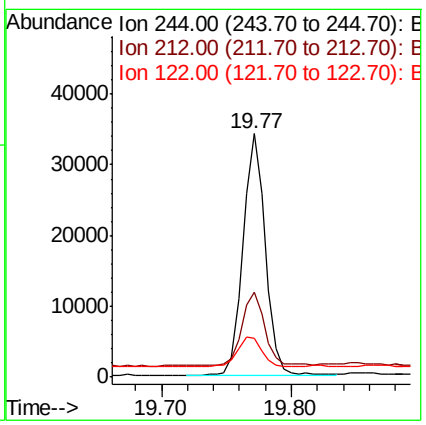


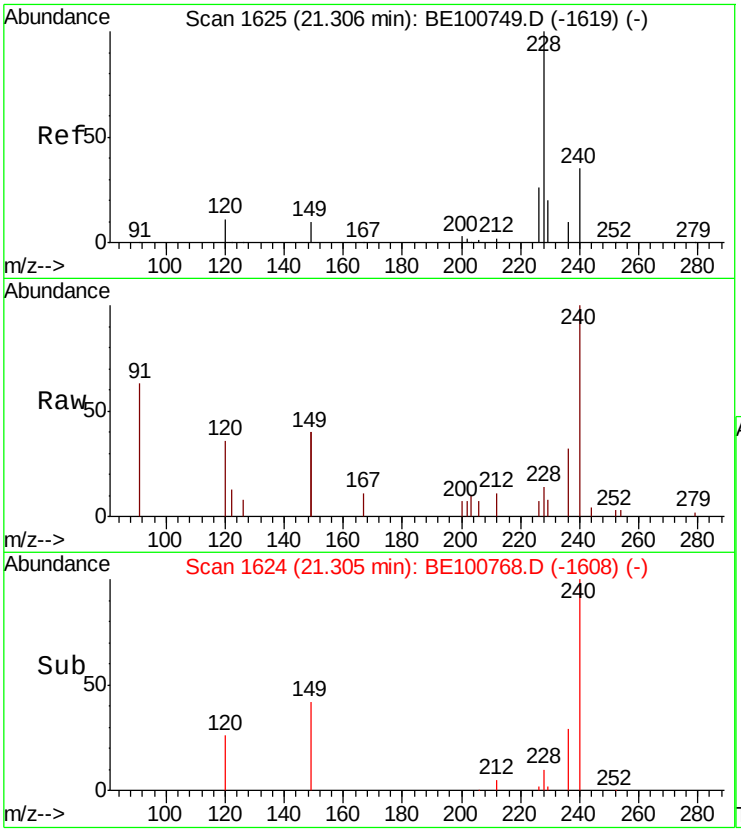


#29
Terphenyl-d14
Concen: 0.441 ng
RT: 19.77 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Tgt Ion:244 Resp: 40320

Ion	Ratio	Lower	Upper
244	100		
212	34.7	25.2	37.8
122	15.7	9.8	14.6#



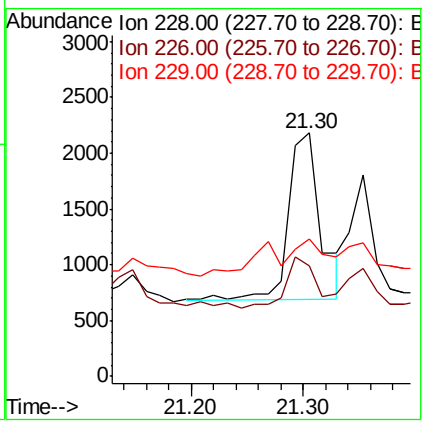


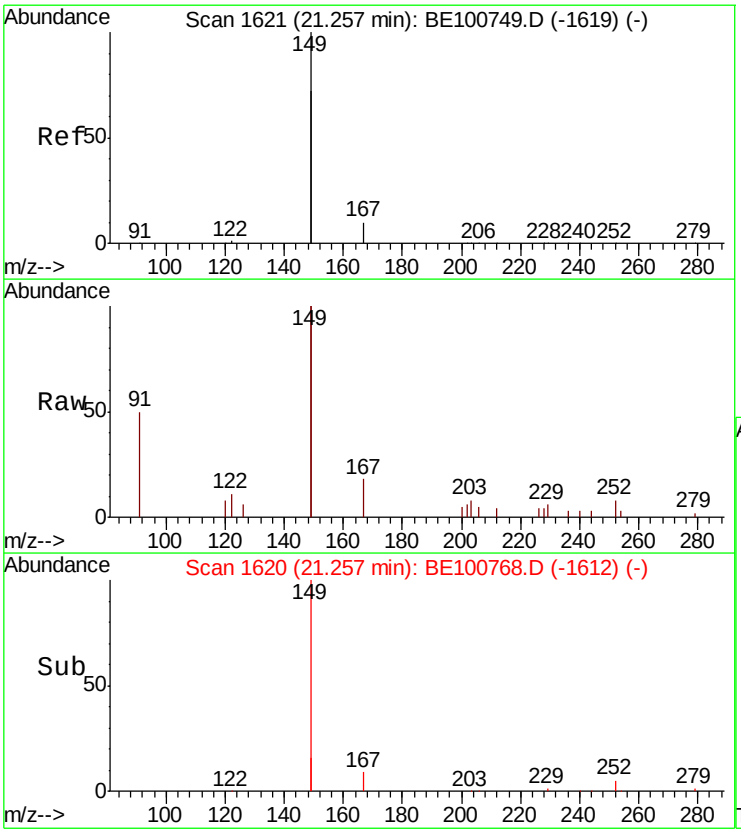
#30
Benzo(a)anthracene
Concen: 0.022 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Instrument :
BNA_E
ClientSampleId :
HF-104S

Tgt Ion:228 Resp: 2968

Ion	Ratio	Lower	Upper
228	100		
226	45.4	20.7	31.1#
229	56.5	16.2	24.2#

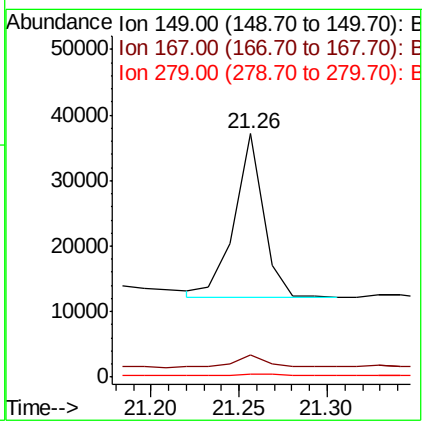


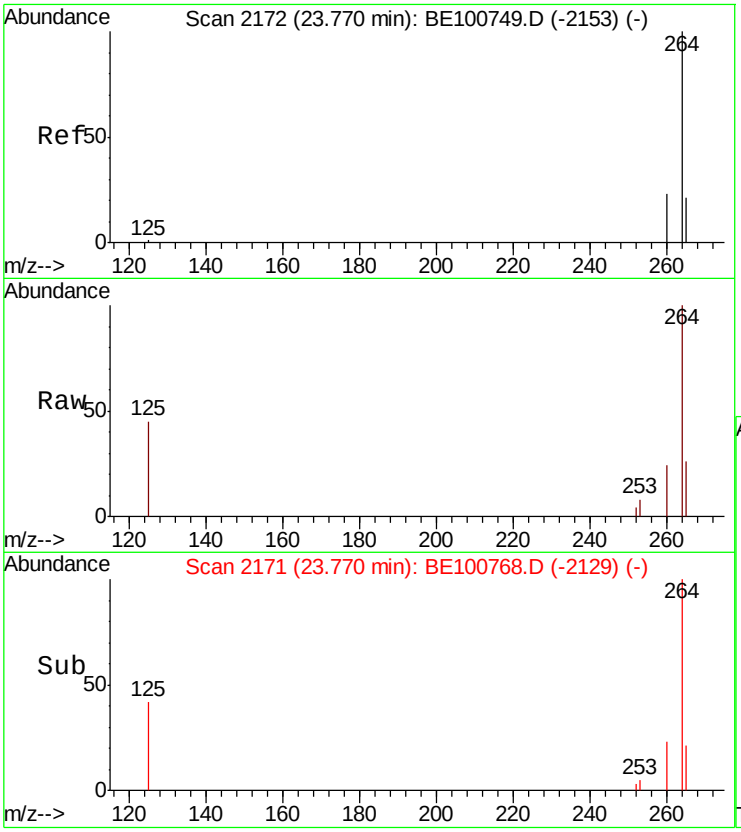


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.123 ng
RT: 21.26 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Tgt Ion:149 Resp: 29230

Ion	Ratio	Lower	Upper
149	100		
167	8.1	5.5	8.3
279	1.2	0.7	1.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BE100768.D
Acq: 22 Nov 2019 21:26

Instrument :
BNA_E
ClientSampleId :
HF-104S

Tgt Ion:264 Resp: 45766

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	26.2	22.4	33.6