Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
Data File : BE100043.D
Acq On : 15 Jun 2019 3:09
Operator : JU/SJ
Sample : K3315-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE104D3-20190607

Manual Integrations APPROVED
mohammad
6/17/2019 4:51:57 PM

Quant Time: Jun 15 05:12:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	877	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	3136	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	2397	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6825	0.40	ng		0.00
27) Chrysene-d12	21.40	240	8590	0.40	ng		0.00
34) Perylene-d12	23.93	264	9972	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	379	0.16	ng		0.00
5) Phenol-d6	6.98	99	256	0.08	ng		0.00
8) Nitrobenzene-d5	8.98	82	1287	0.43	ng		0.01
11) 2-Methylnaphthalene-d10	12.21	152	1968	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	466	0.26	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	4235	0.47	ng		-0.01
25) Fluoranthene-d10	19.24	212	34261	0.34	ng		-0.01
29) Terphenyl-d14	19.84	244	10493	0.68	ng		-0.01
Target Compounds							Qvalue
23) Phenanthrene	17.25	178	410	0.025	ng		99
26) Fluoranthene	19.28	202	715	0.025	ng	#	95
28) Pyrene	19.64	202	667	0.030	ng	#	95
30) Benzo(a)anthracene	21.38	228	706	0.028	ng	#	73
31) Chrysene	21.44	228	775	0.029	ng	#	81
32) Bis(2-ethylhexyl)phthalate	21.29	149	2586	0.070	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	690m	0.022	ng		
35) Benzo(b)fluoranthene	23.15	252	700	0.025	ng	#	19
36) Benzo(k)fluoranthene	23.20	252	724	0.025	ng	#	25
37) Benzo(a)pyrene	23.82	252	618	0.022	ng	#	1
39) Benzo(g,h,i)perylene	27.44	276	671m	0.023	ng		

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
Data File : BE100043.D
Acq On : 15 Jun 2019 3:09
Operator : JU/SJ
Sample : K3315-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 15 05:12:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
RE104D3-20190607

Manual Integrations APPROVED
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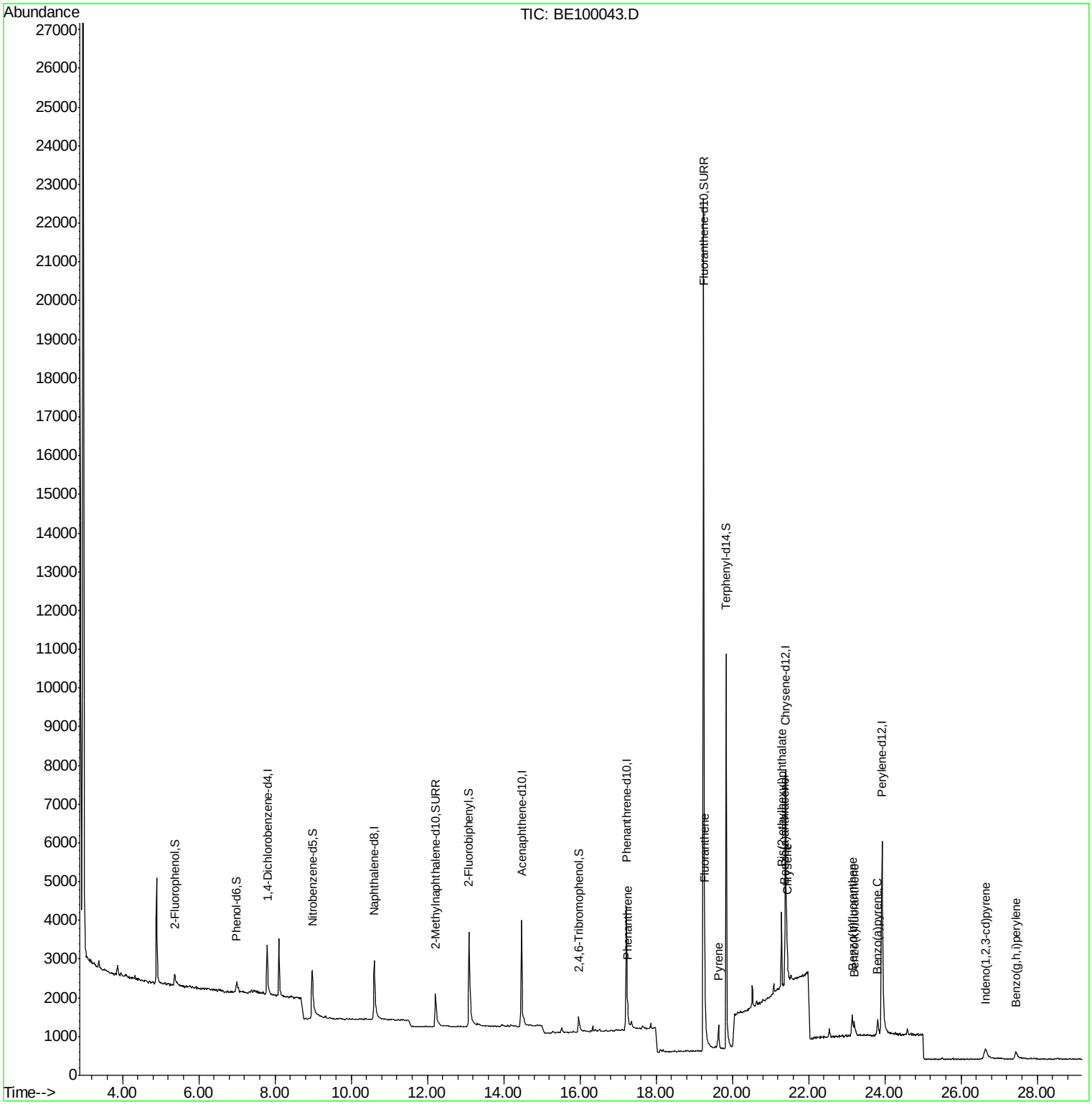
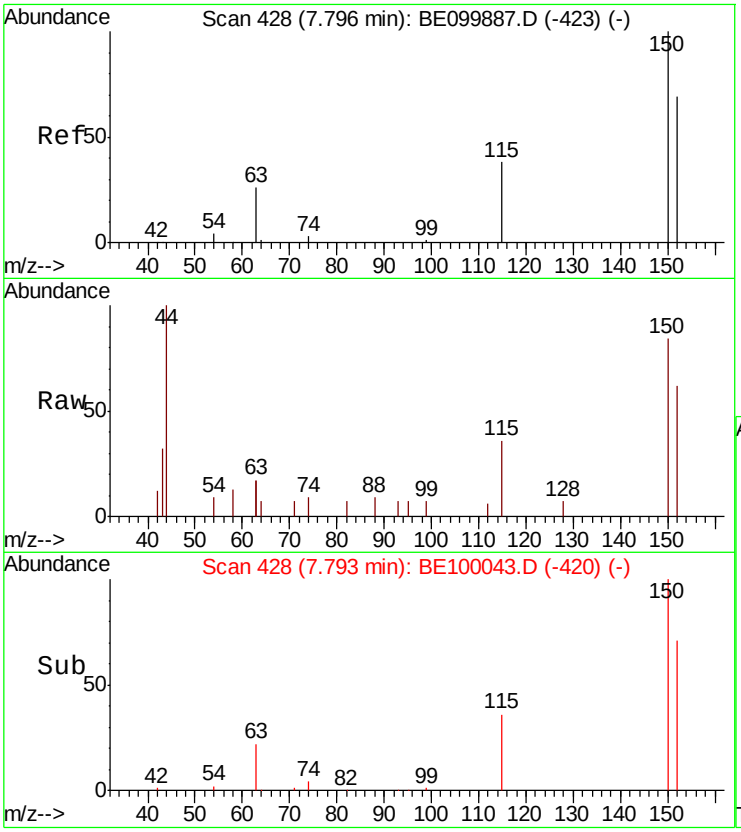
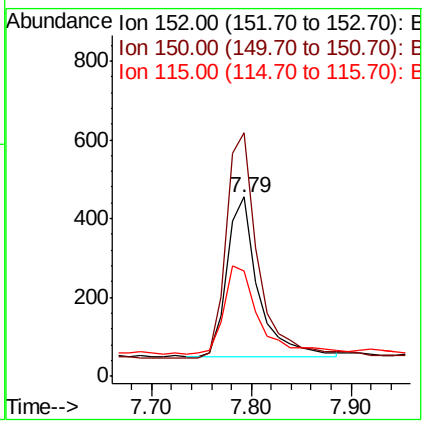




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:152 Resp: 877

Ion	Ratio	Lower	Upper
152	100		
150	135.8	111.0	166.6
115	58.7	50.7	76.1



Instrument :
BNA_E
ClientSampleId :
RE104D3-20190607

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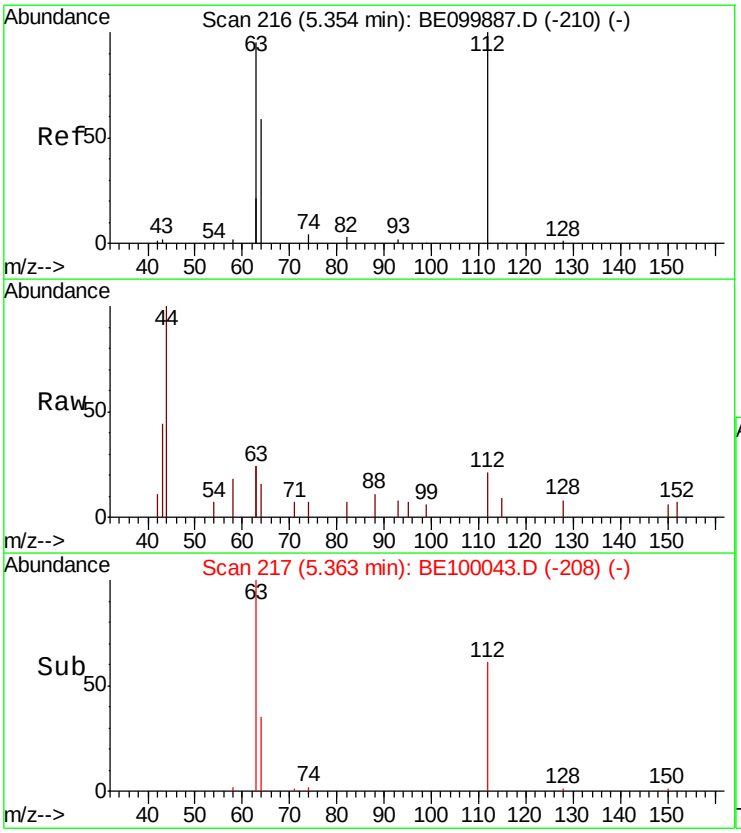
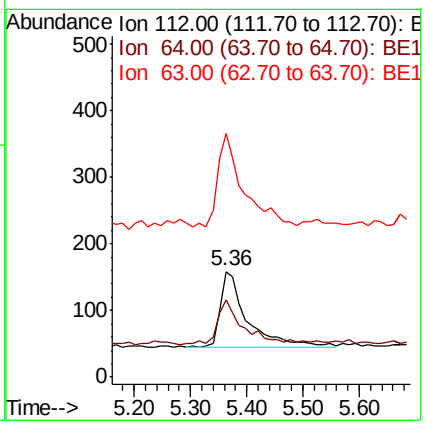
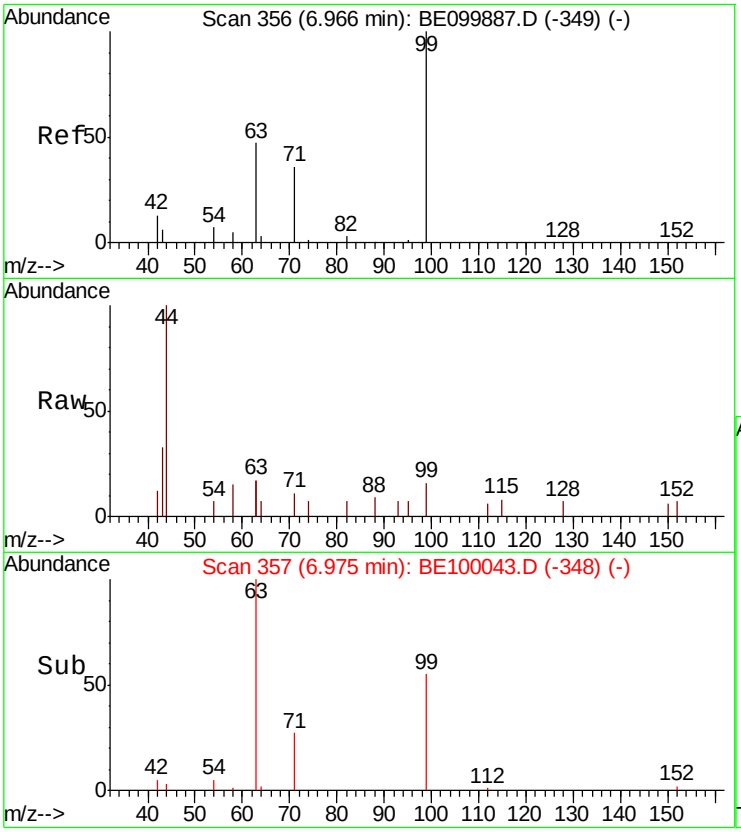


#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:112 Resp: 379

Ion	Ratio	Lower	Upper
112	100		
64	60.9	44.1	66.1
63	117.4	87.8	131.6





#5
Phenol-d6
Concen: 0.084 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion: 99 Resp: 256

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.9	23.9#
71	60.2	34.6	52.0#

Instrument :
BNA_E
ClientSampleId :
RE104D3-20190607

Manual Integrations APPROVED
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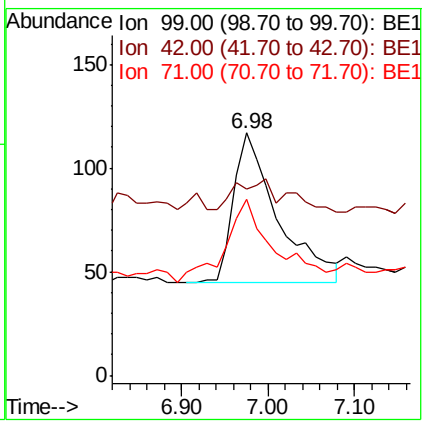
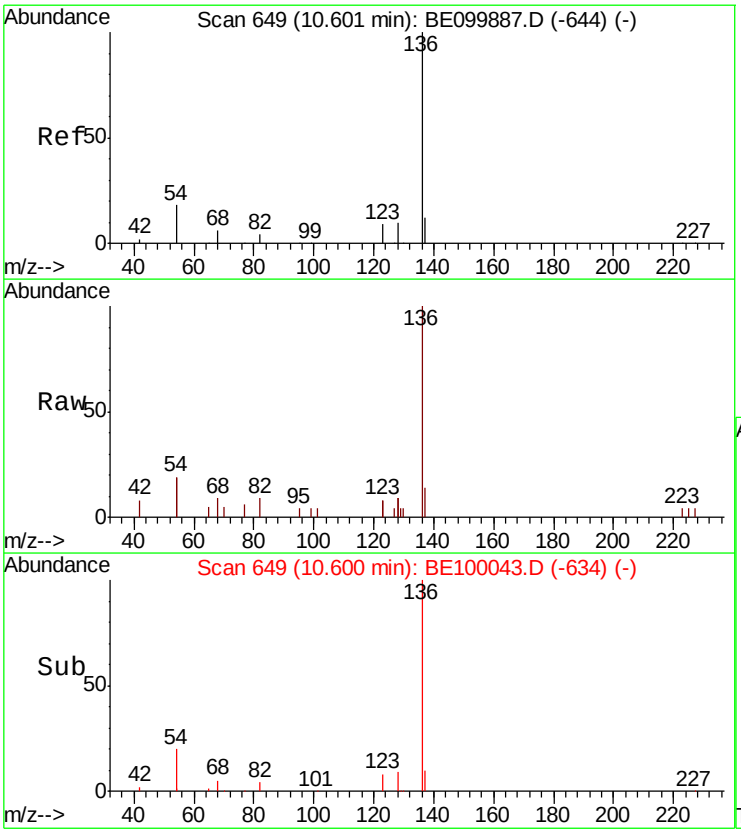
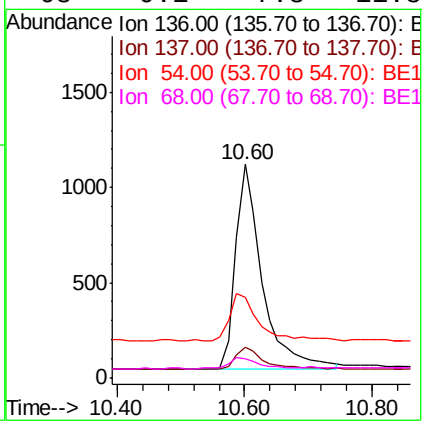


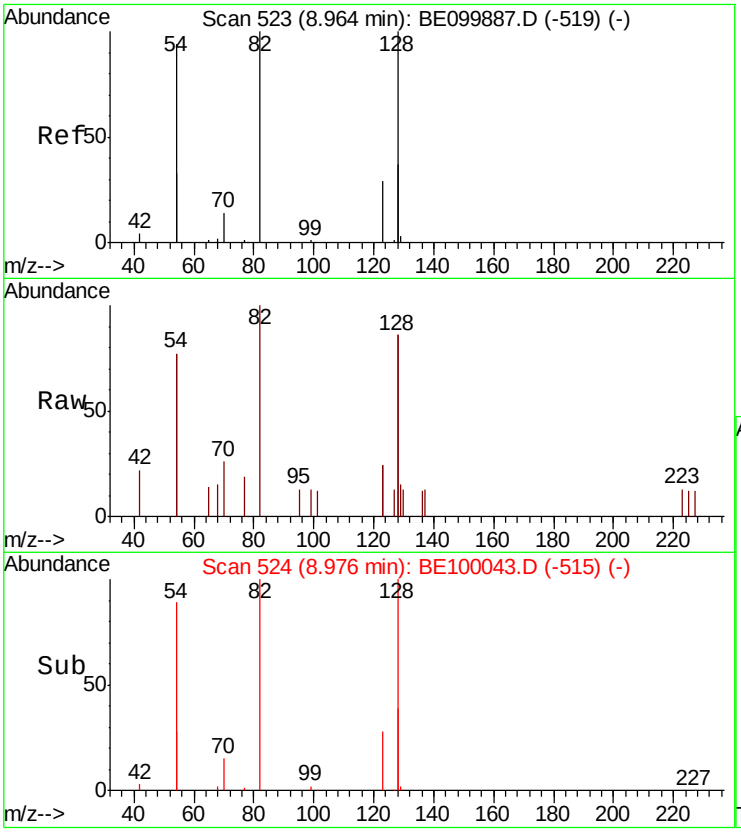


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:136 Resp: 3136

Ion	Ratio	Lower	Upper
136	100		
137	14.1	12.3	18.5
54	37.5	28.2	42.4
68	9.1	7.8	11.8

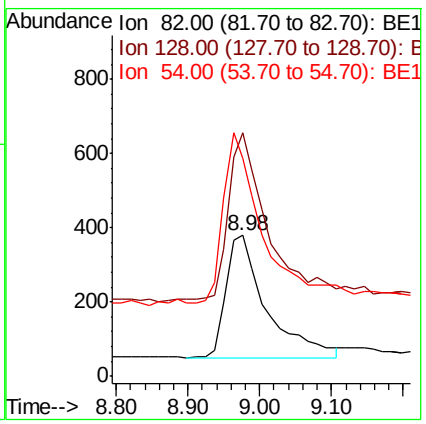




#8
Nitrobenzene-d5
Concen: 0.433 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion: 82 Resp: 1287

Ion	Ratio	Lower	Upper
82	100		
128	172.6	137.3	205.9
54	154.2	129.7	194.5



Instrument :
BNA_E
ClientSampleId :
RE104D3-20190607

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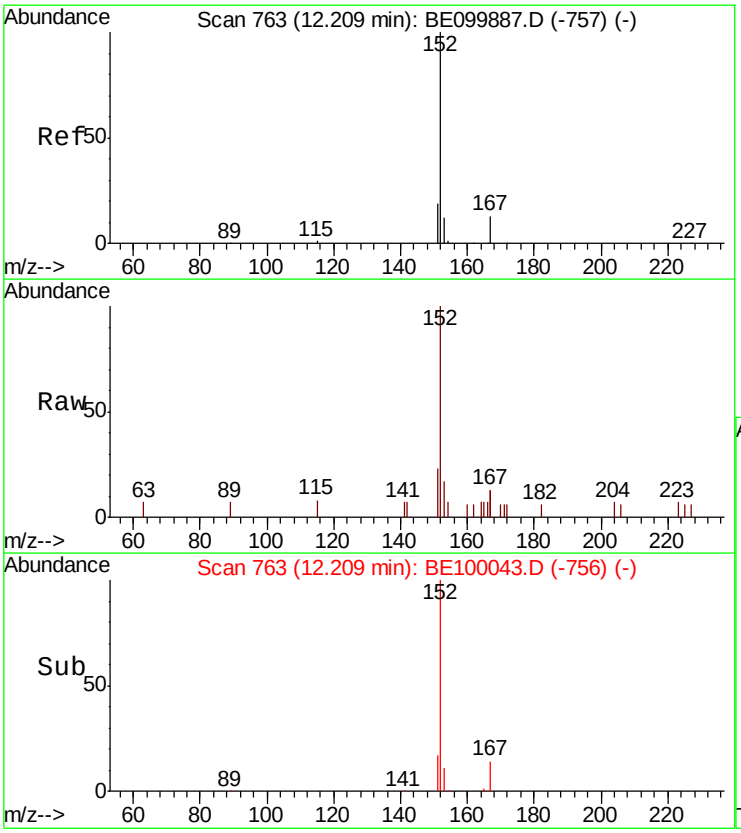
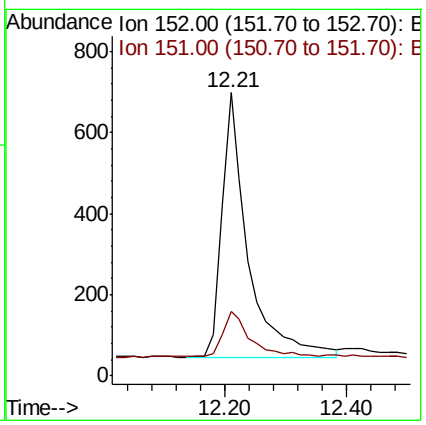
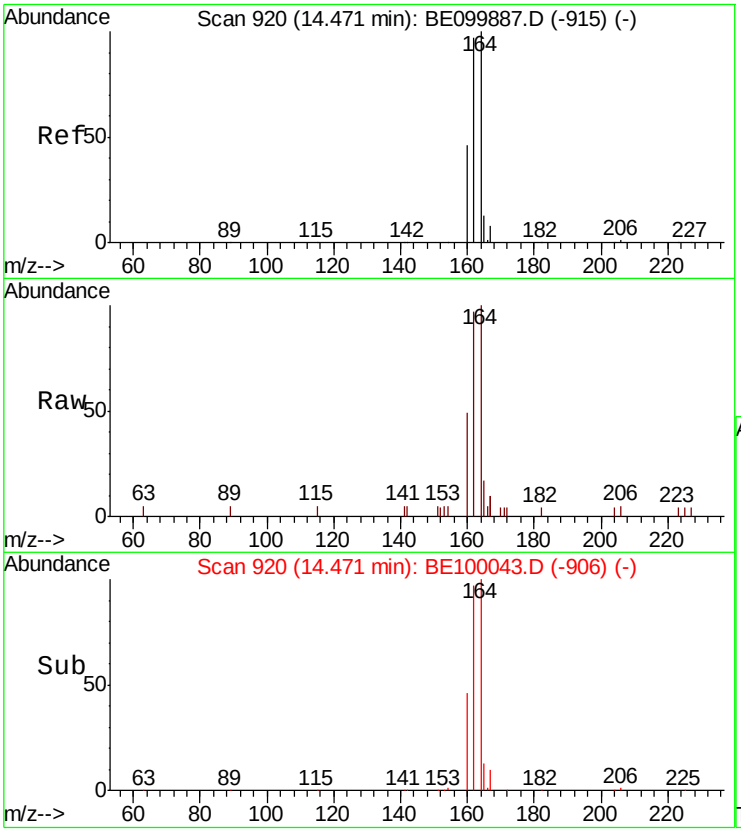


#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:152 Resp: 1968

Ion	Ratio	Lower	Upper
152	100		
151	18.0	15.2	22.8

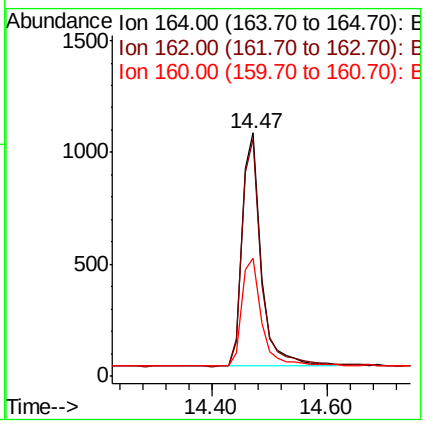




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:164 Resp: 2397

Ion	Ratio	Lower	Upper
164	100		
162	97.2	77.8	116.8
160	48.5	38.2	57.4



Instrument :
BNA_E
ClientSampleId :
RE104D3-20190607

Manual Integrations APPROVED
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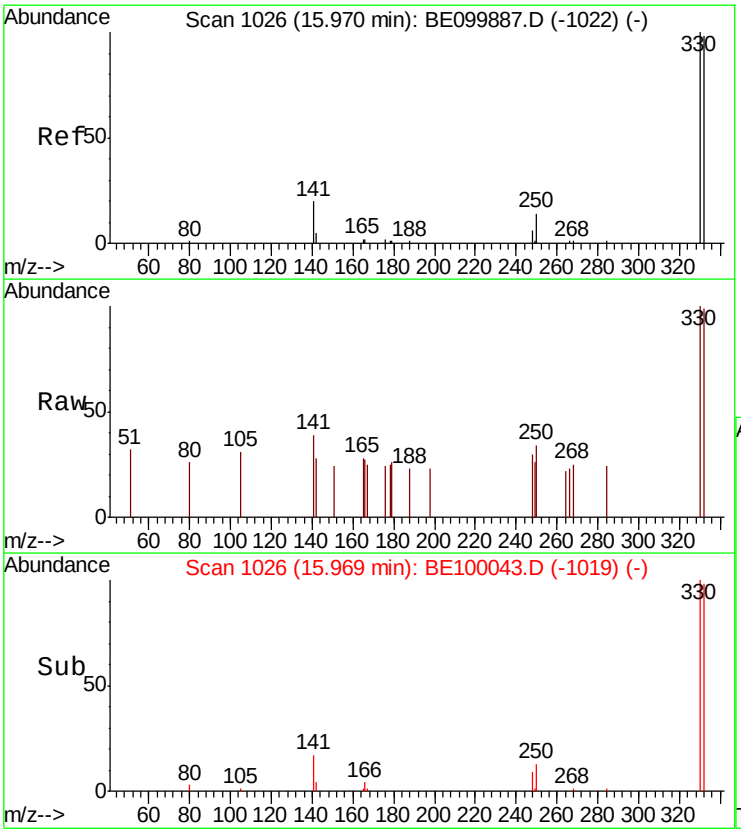
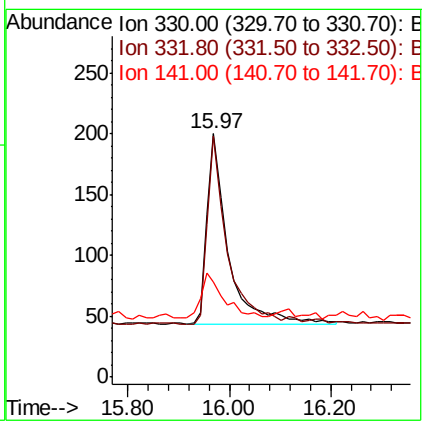
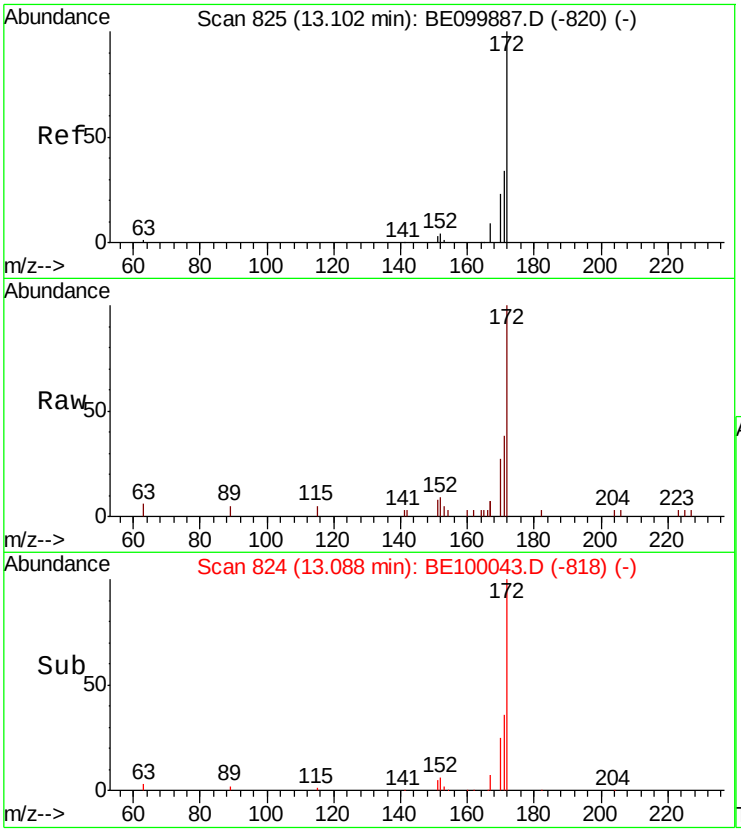


#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:330 Resp: 466

Ion	Ratio	Lower	Upper
330	100		
332	90.3	76.7	115.1
141	23.8	21.0	31.6

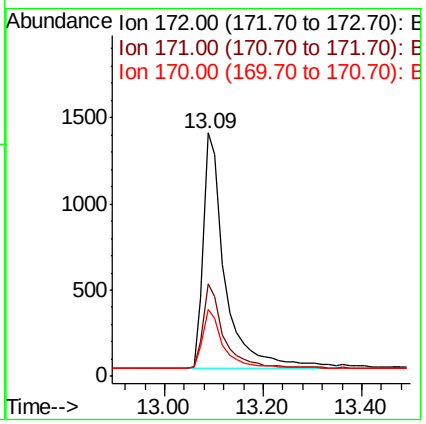




#15
2-Fluorobiphenyl
Concen: 0.466 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:172 Resp: 4235

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.2	43.8
170	27.4	21.2	31.8



Instrument :
BNA_E
ClientSampleId :
RE104D3-20190607

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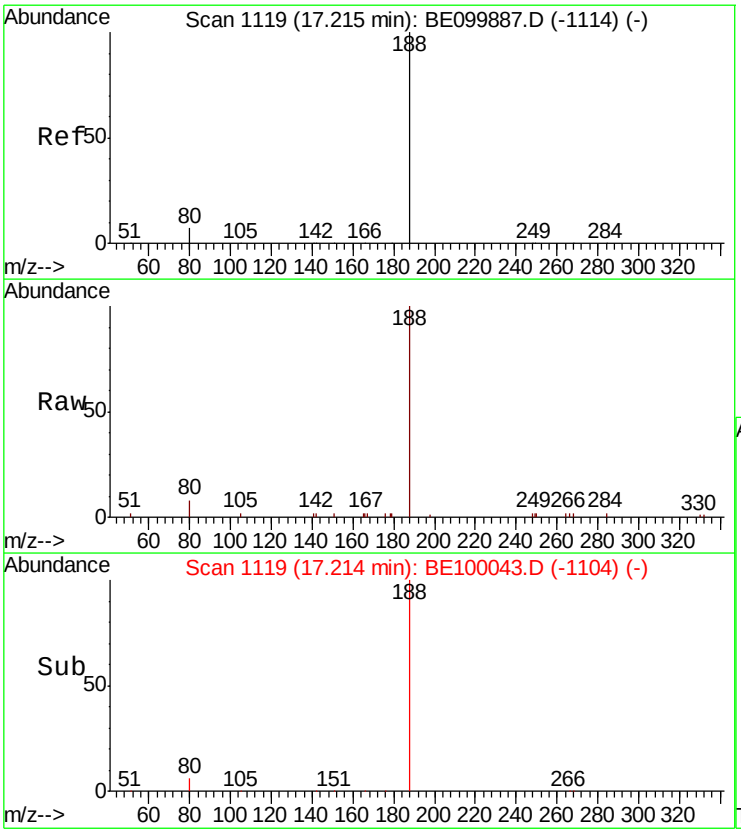
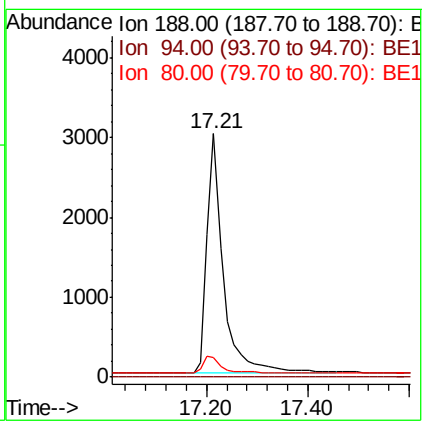
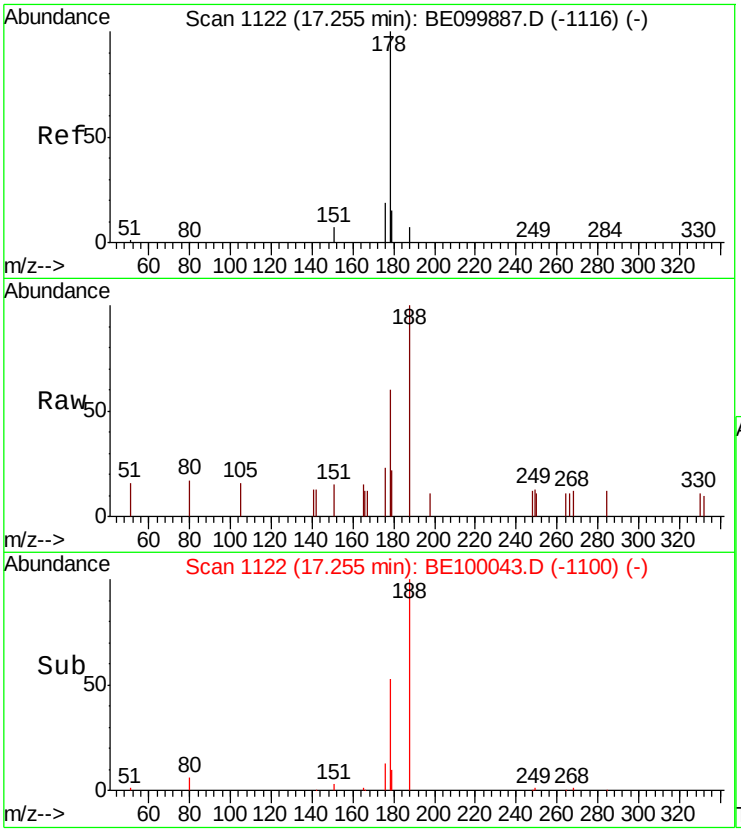


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:188 Resp: 6825

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	6.4	9.6





#23
Phenanthrene
Concen: 0.025 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:178 Resp: 410

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.9	12.4	18.6

Instrument :
BNA_E
ClientSampleId :
RE104D3-20190607

Manual Integrations APPROVED
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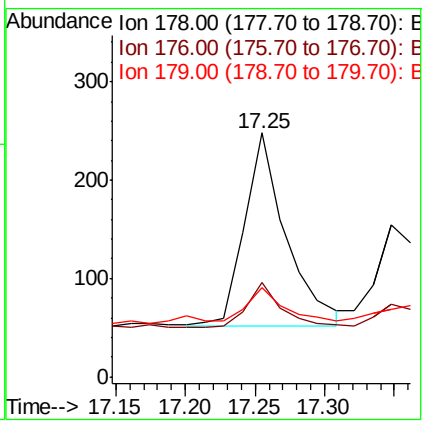
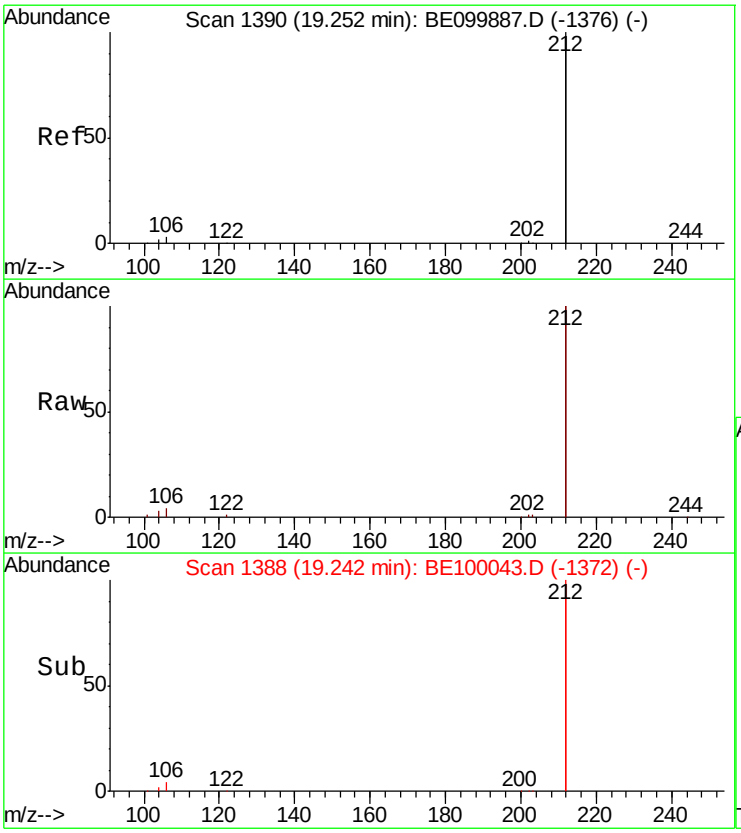
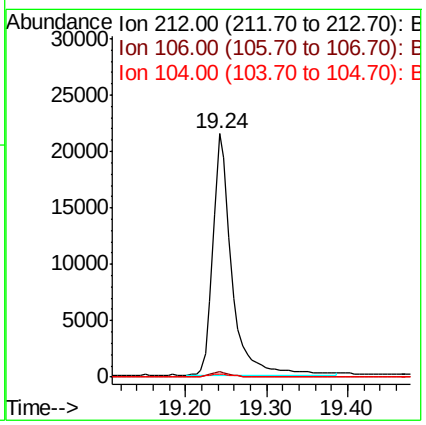


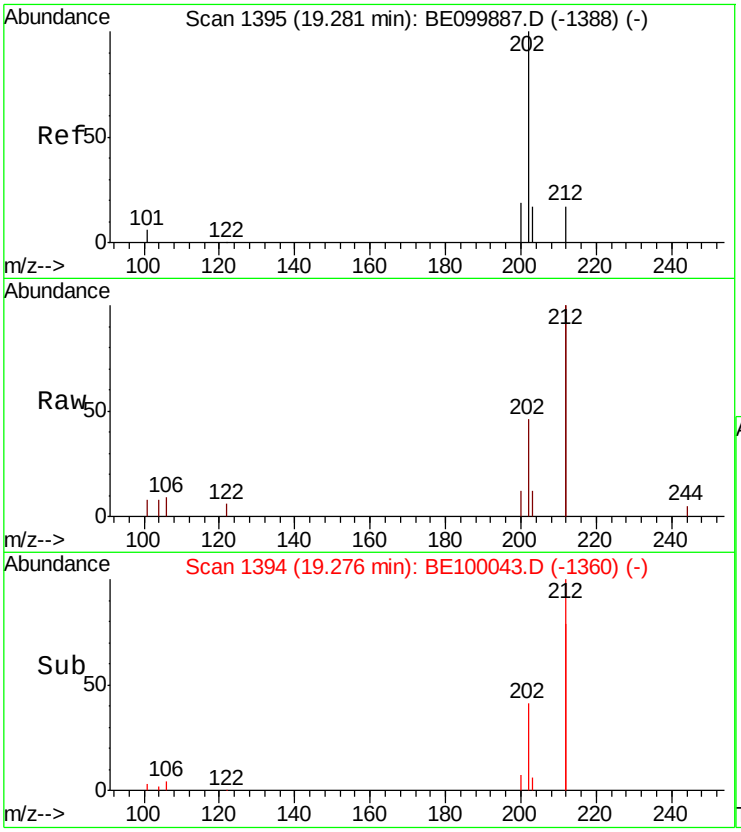


#25
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:212 Resp: 34261

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.9	1.3

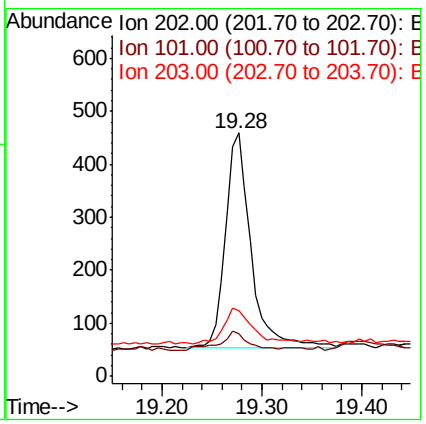




#26
Fluoranthene
Concen: 0.025 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:202 Resp: 715

Ion	Ratio	Lower	Upper
202	100		
101	9.7	5.4	8.0#
203	18.2	13.2	19.8



Instrument :
BNA_E
ClientSampleId :
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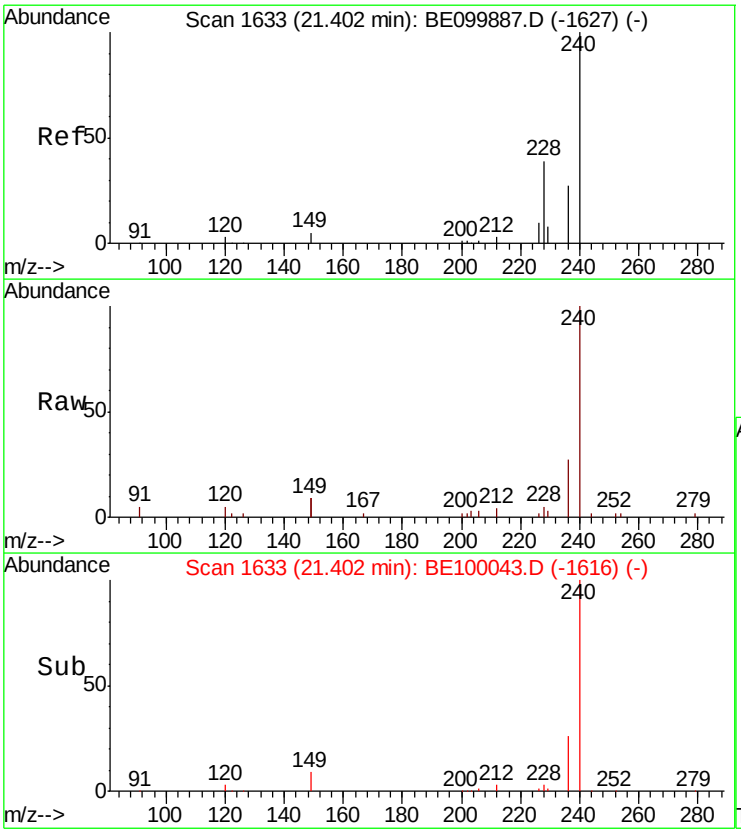
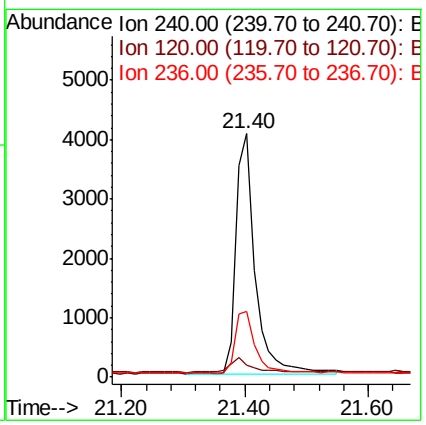
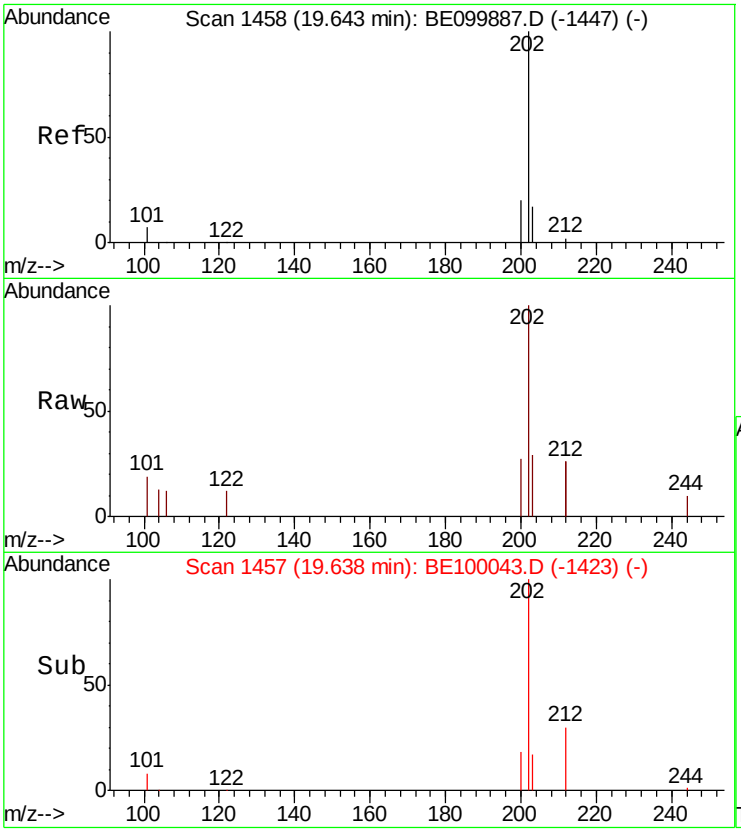


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:240 Resp: 8590

Ion	Ratio	Lower	Upper
240	100		
120	5.0	3.8	5.6
236	27.1	22.0	33.0





#28
Pyrene
Concen: 0.030 ng
RT: 19.64 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:202 Resp: 667

Ion	Ratio	Lower	Upper
202	100		
200	20.5	15.5	23.3
203	21.1	14.0	21.0#

Instrument :
BNA_E
ClientSampleId :
RE104D3-20190607

Manual Integrations APPROVED
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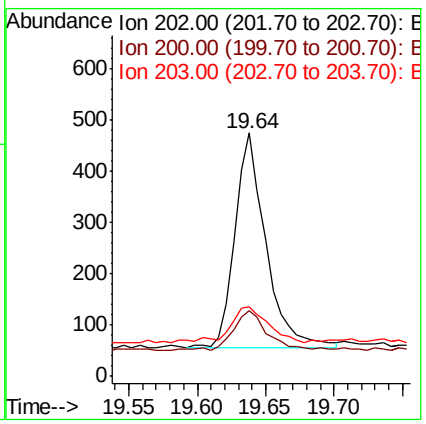
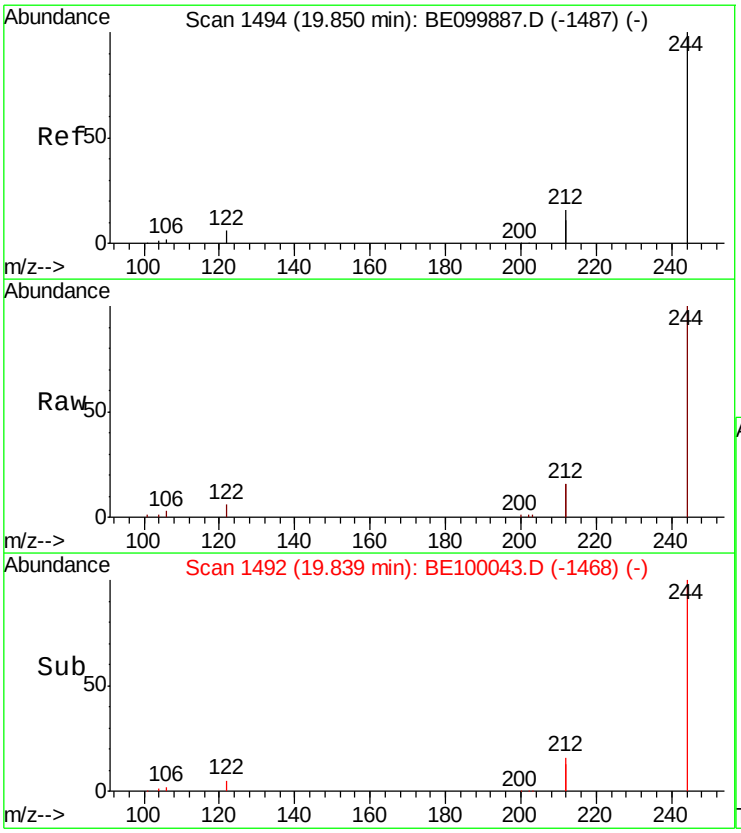
6/17/2019 4:51:57 PM

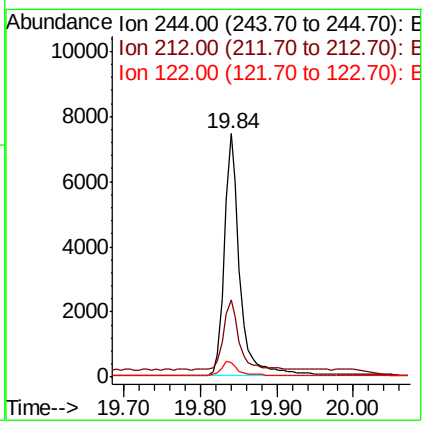


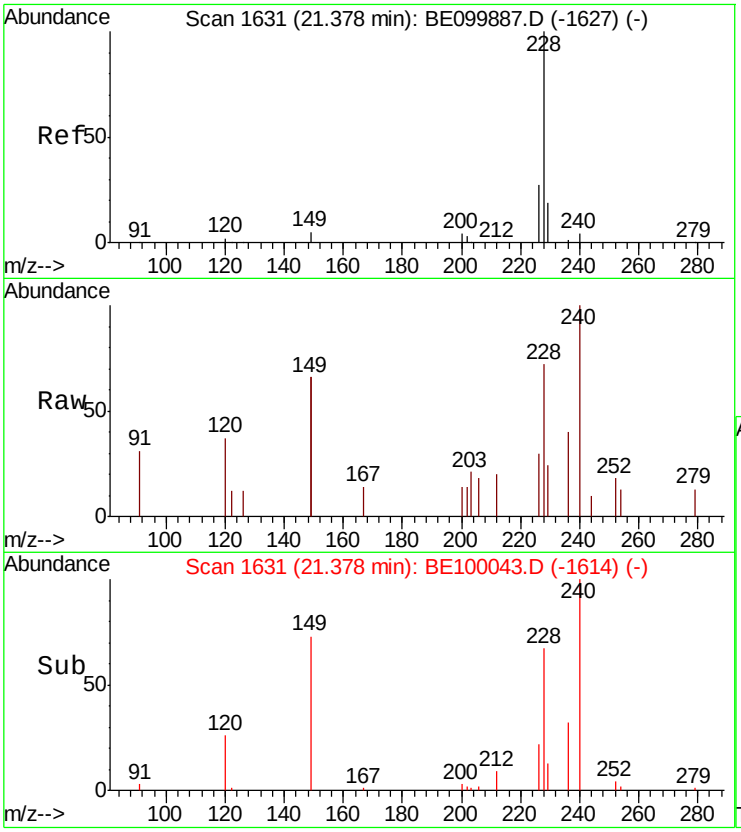


#29
Terphenyl-d14
Concen: 0.679 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:244 Resp: 10493

Ion	Ratio	Lower	Upper
244	100		
212	31.5	25.7	38.5
122	5.9	5.5	8.3

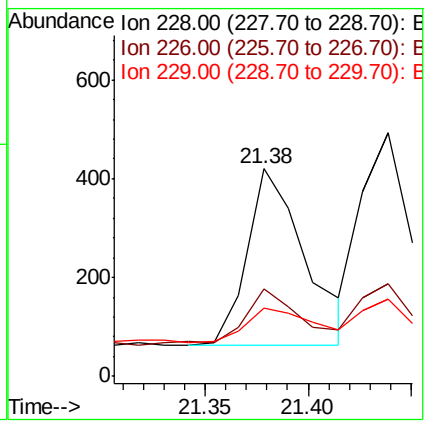




#30
Benzo(a)anthracene
Concen: 0.028 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:228 Resp: 706

Ion	Ratio	Lower	Upper
228	100		
226	41.9	22.5	33.7#
229	33.1	15.9	23.9#



Instrument :
BNA_E
ClientSampleId :
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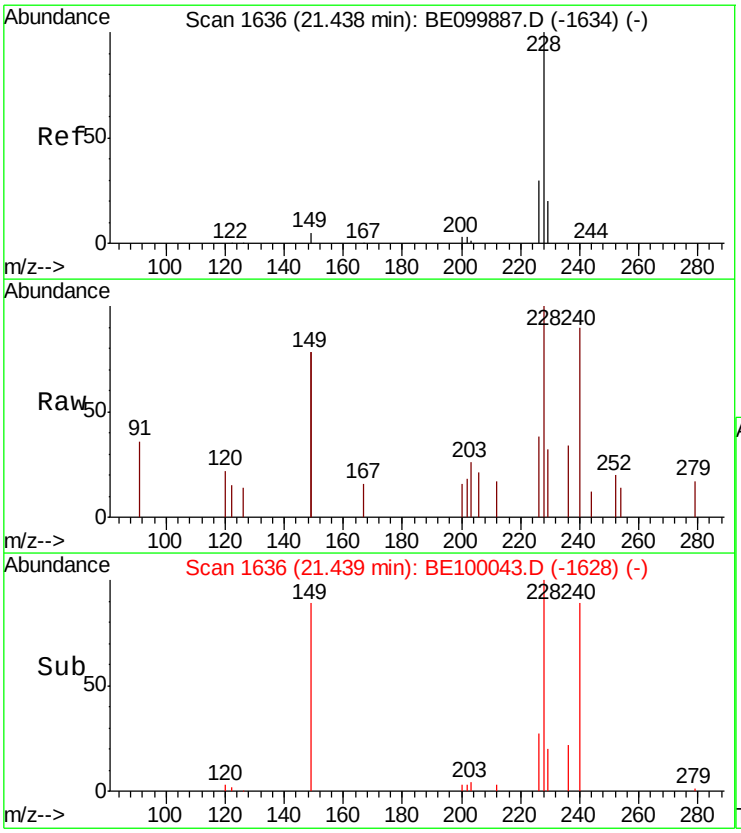
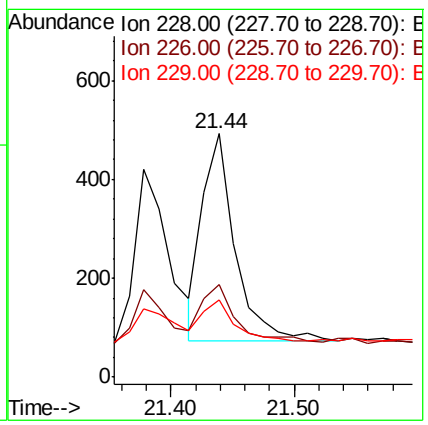
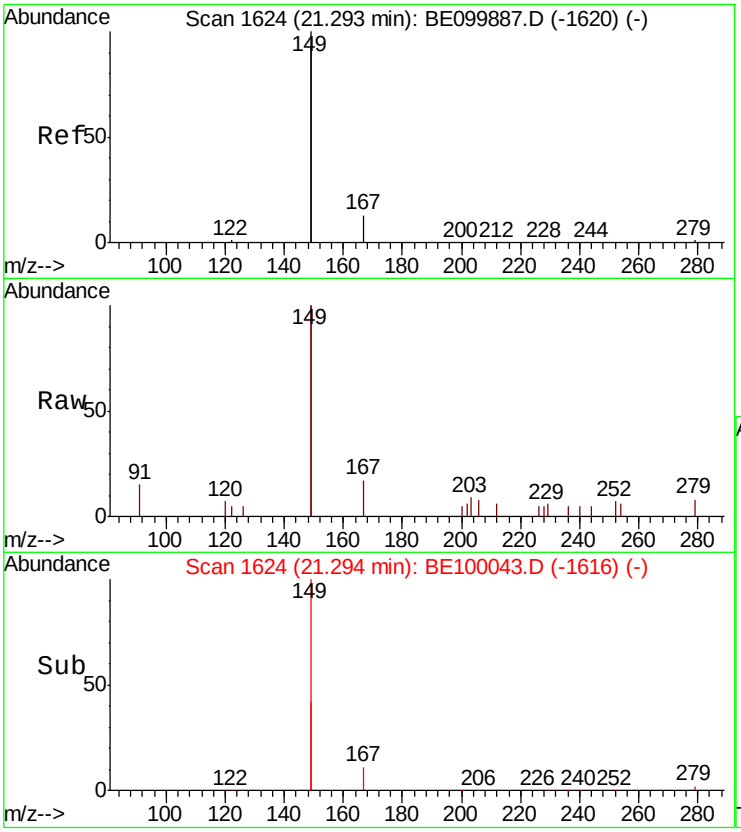


#31
Chrysene
Concen: 0.029 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:228 Resp: 775

Ion	Ratio	Lower	Upper
228	100		
226	37.9	24.1	36.1#
229	31.6	16.1	24.1#





#32
Bis(2-ethylhexyl)phthalate
Concen: 0.070 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Instrument :
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ClientSampleId :
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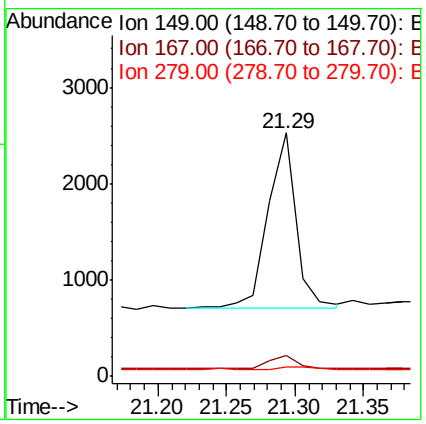
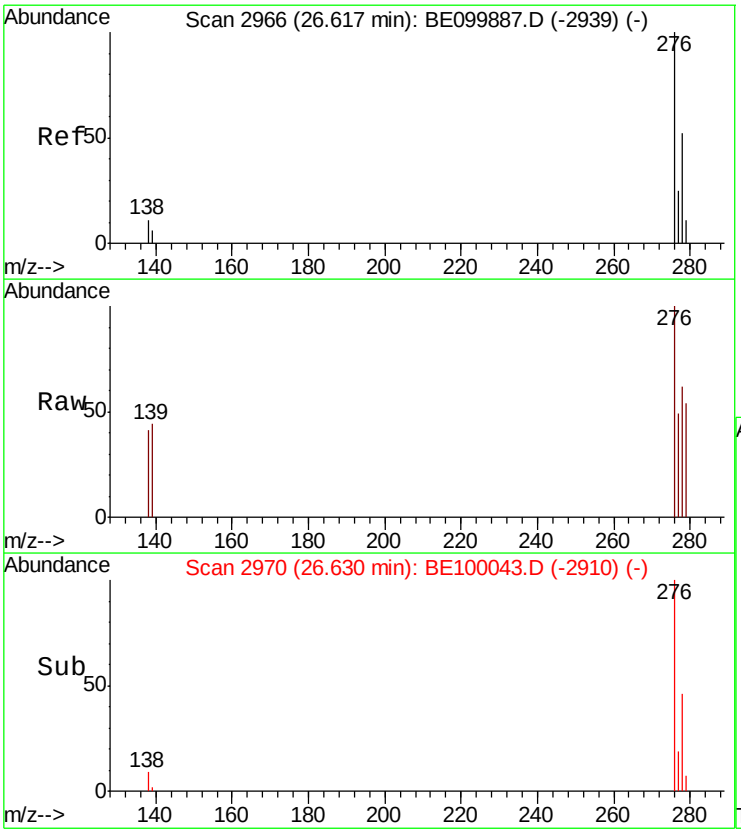
Tgt Ion:149 Resp: 2586

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.9	1.2	1.8#

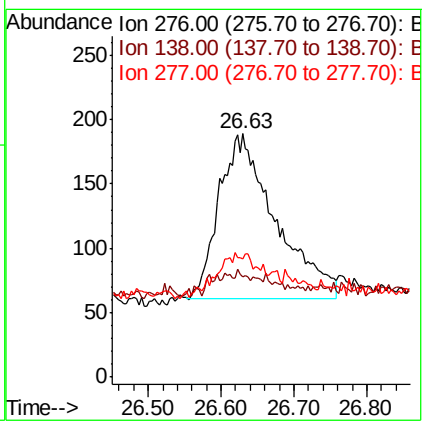


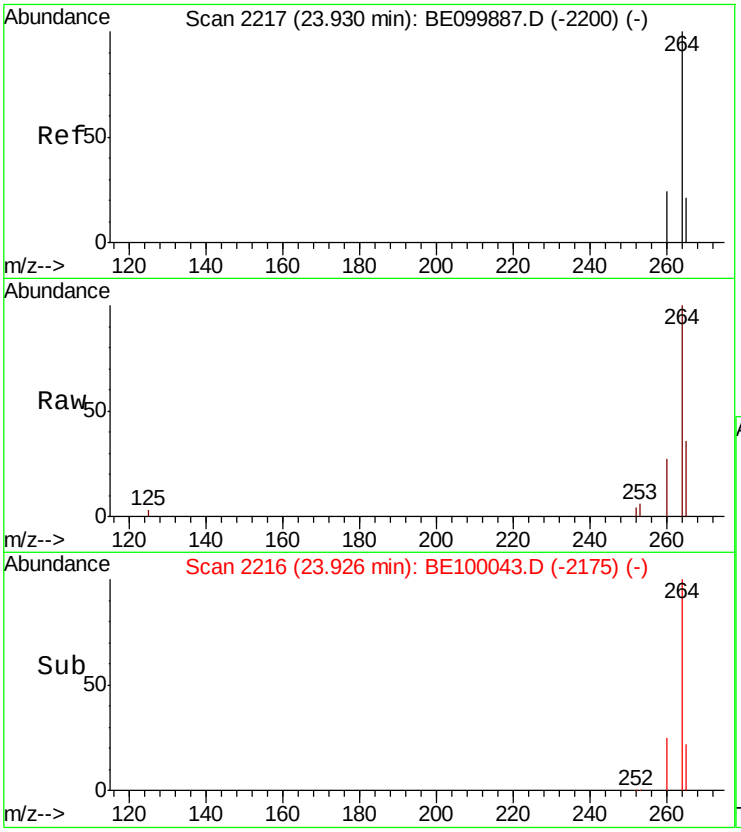


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng m
RT: 26.63 min Scan# 2970
Delta R.T. 0.01 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:276 Resp: 690

Ion	Ratio	Lower	Upper
276	100		
138	1.0	10.1	15.1#
277	12.3	19.1	28.7#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:264 Resp: 9972

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.2	30.2
265	35.6	22.0	33.0#

Instrument :
BNA_E
ClientSampleId :
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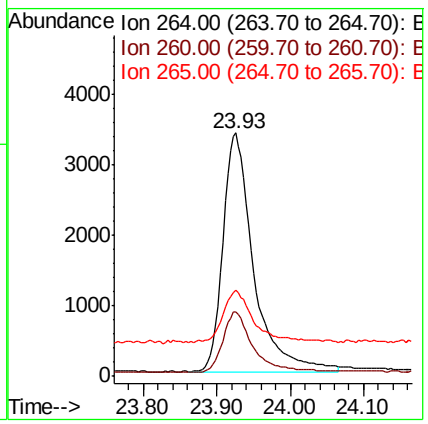
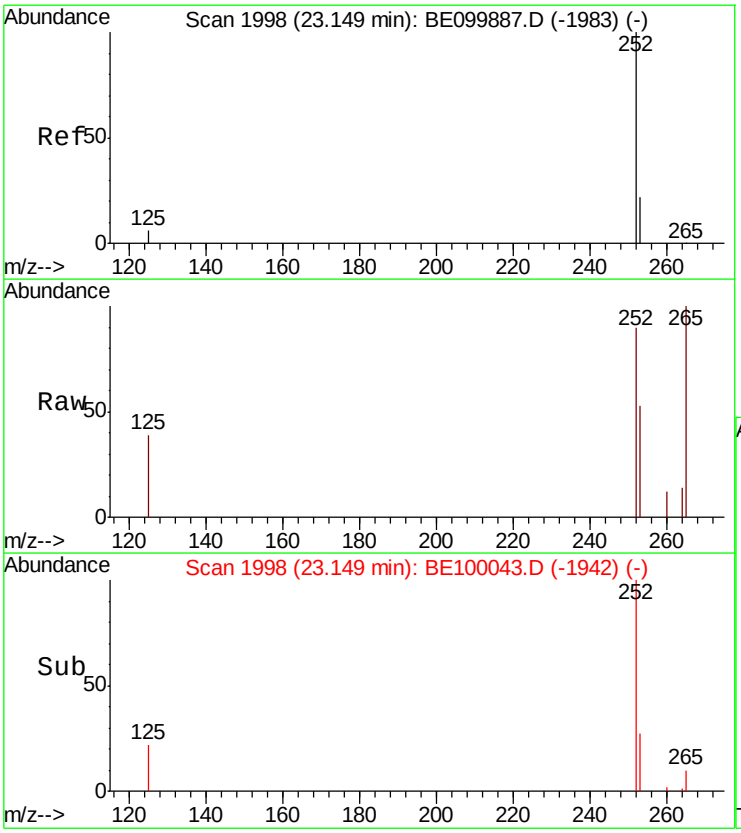
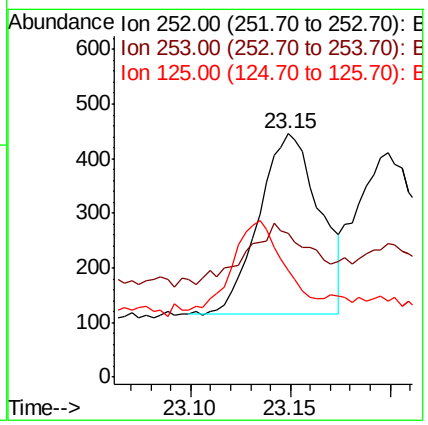


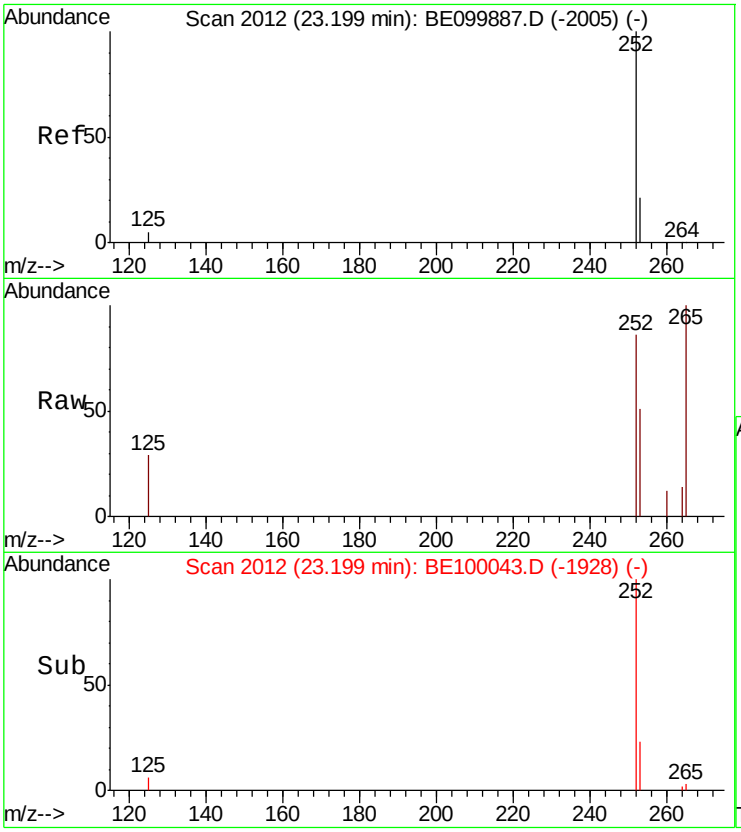


#35
Benzo(b)fluoranthene
Concen: 0.025 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:252 Resp: 700

Ion	Ratio	Lower	Upper
252	100		
253	59.2	18.7	28.1#
125	43.7	5.7	8.5#





#36
Benzo(k)fluoranthene
Concen: 0.025 ng
RT: 23.20 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:252 Resp: 724

Ion	Ratio	Lower	Upper
252	100		
253	59.5	18.6	28.0#
125	34.0	5.4	8.0#

Instrument :
BNA_E
ClientSampleId :
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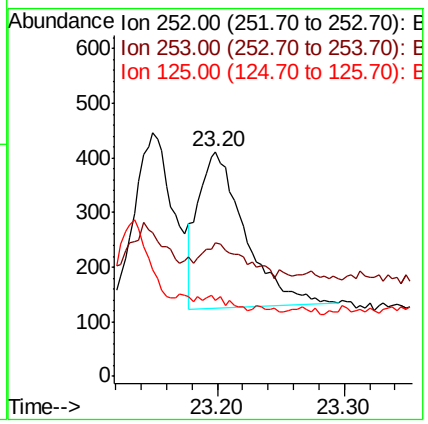
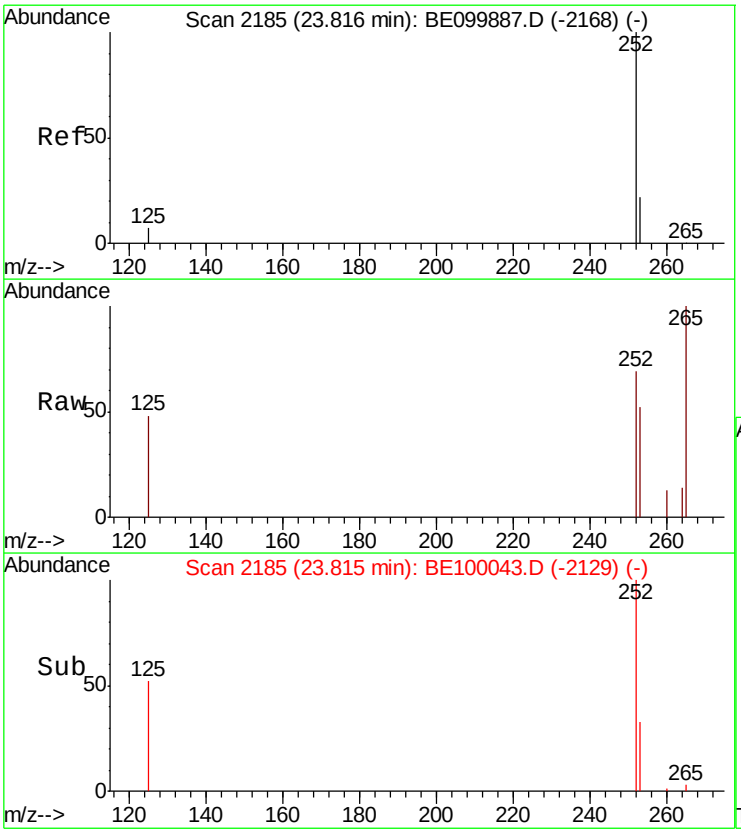
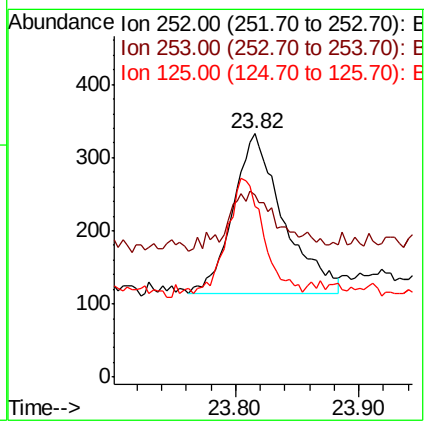


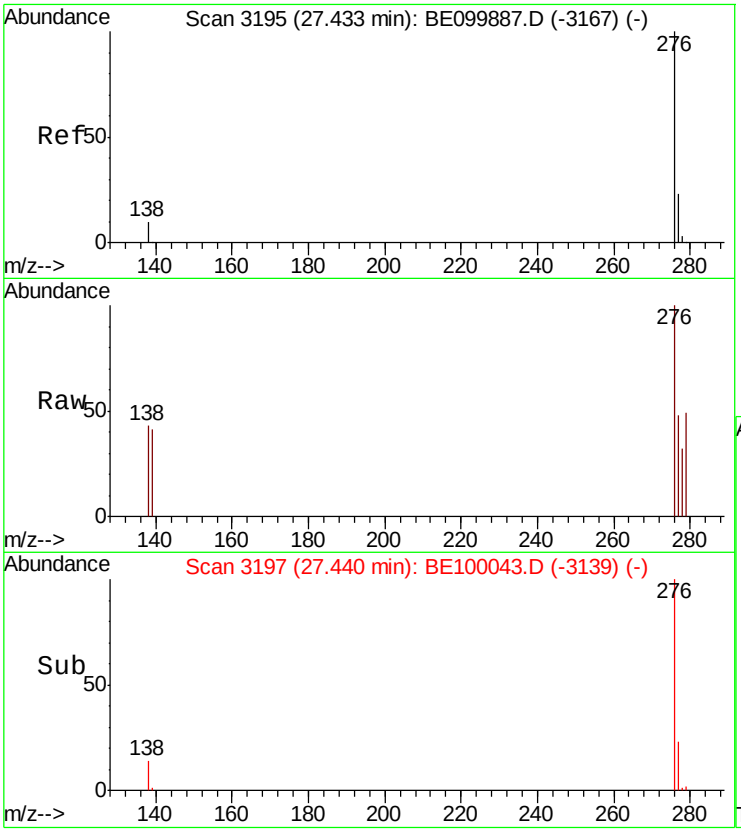


#37
Benzo(a)pyrene
Concen: 0.022 ng
RT: 23.82 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:252 Resp: 618

Ion	Ratio	Lower	Upper
252	100		
253	74.8	19.6	29.4#
125	70.0	6.6	10.0#

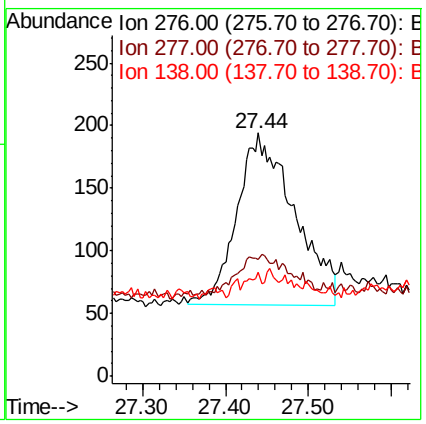




#39
Benzo(g,h,i)perylene
Concen: 0.023 ng m
RT: 27.44 min Scan# 3197
Delta R.T. 0.01 min
Lab File: BE100043.D
Acq: 15 Jun 2019 3:09

Tgt Ion:276 Resp: 671

Ion	Ratio	Lower	Upper
276	100		
277	47.9	19.5	29.3#
138	42.8	9.5	14.3#



Instrument :
BNA_E
ClientSampleId :
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