

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043515.D
 Acq On : 5 Nov 2019 19:46
 Operator : JU
 Sample : K5603-02RX
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190949-AMENDED-COMPOSITE-

Quant Time: Nov 06 02:28:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

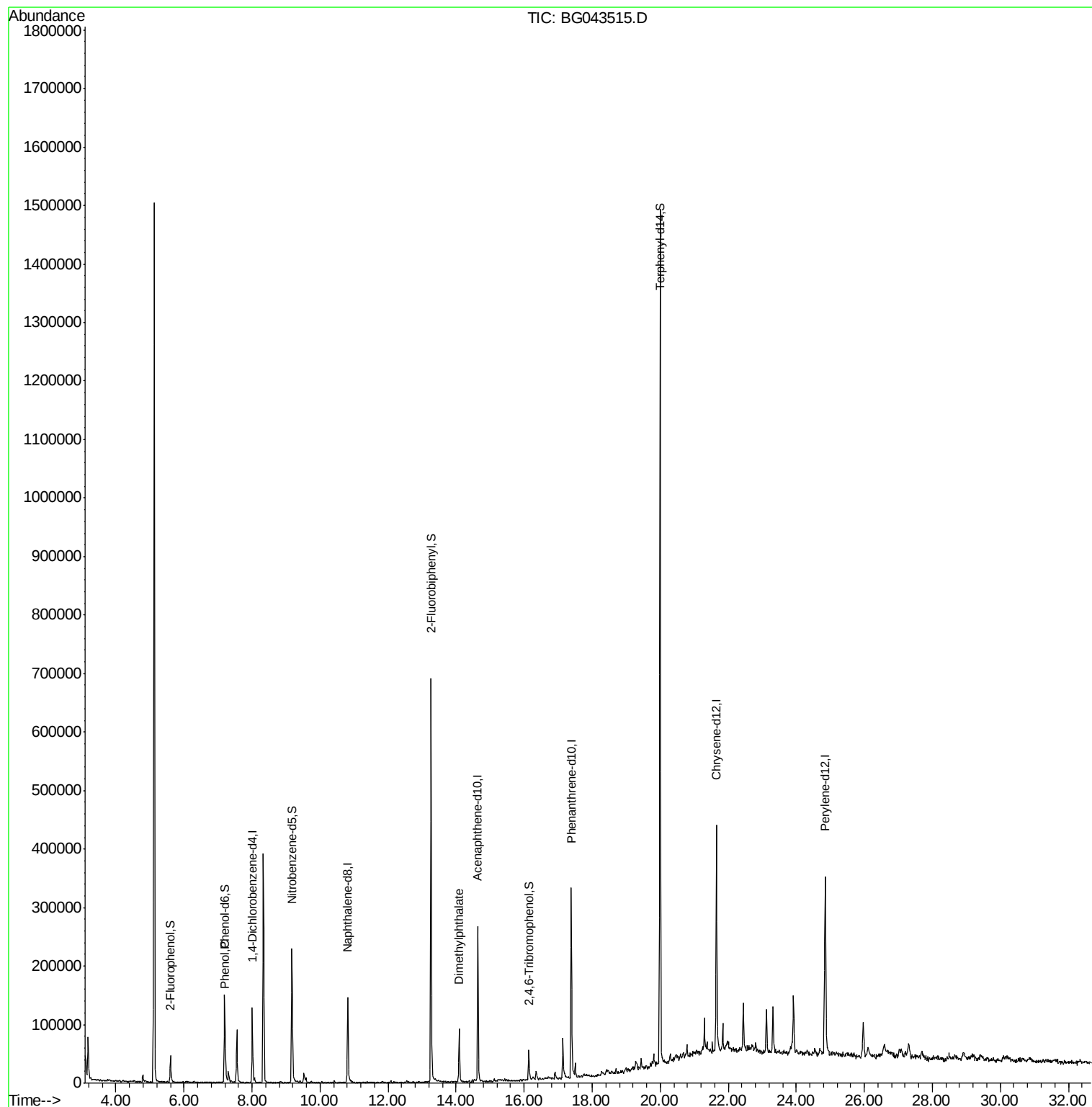
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	40139	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	146819	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	103558	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	234744	20.00	ng	0.00
76) Chrysene-d12	21.65	240	253469	20.00	ng	0.00
87) Perylene-d12	24.85	264	300926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	24744	11.30	ng	0.00
7) Phenol-d6	7.19	99	105139	33.36	ng	0.00
23) Nitrobenzene-d5	9.17	82	167058	58.66	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	16219	8.23	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	413448	55.17	ng	0.00
79) Terphenyl-d14	20.00	244	778393	57.61	ng	0.00
Target Compounds						
10) Phenol	7.22	94	8034	2.790	ng	Qvalue # 76
50) Dimethylphthalate	14.09	163	68895	8.589	ng	98

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

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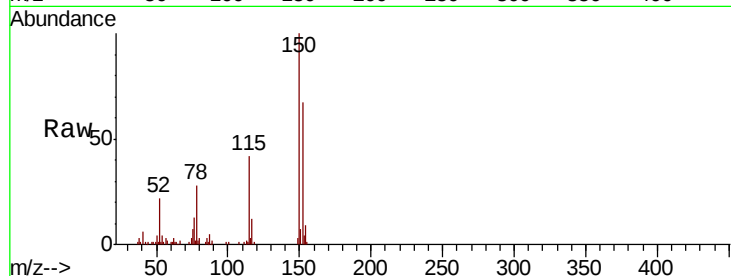


#1

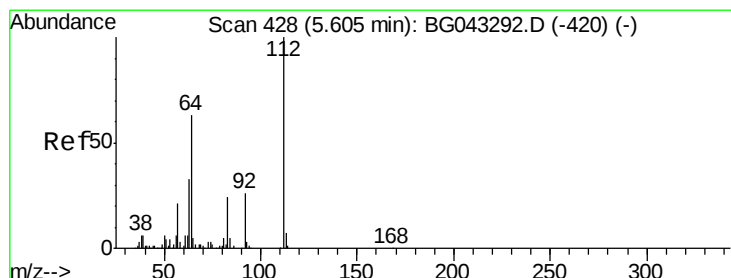
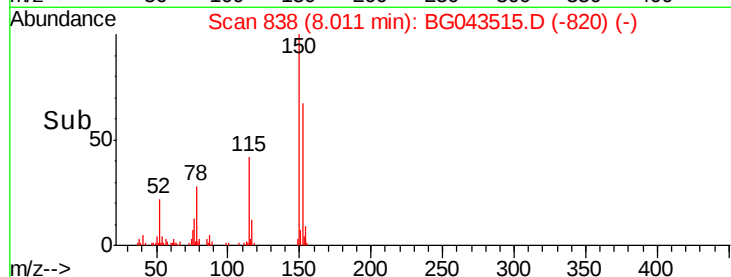
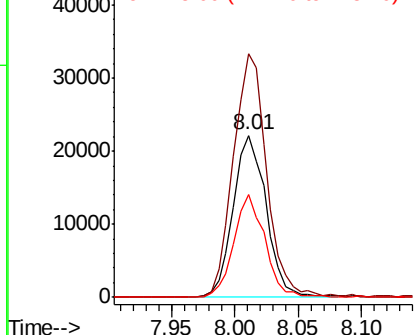
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

Instrument :
BNA_G
ClientSampleId :
20190949-AMENDED-COMPOSITE-

Tot Ion:152 Resp: 40139
Ion Ratio Lower Upper
152 100
150 150.1 129.4 194.0
115 63.4 48.8 73.2



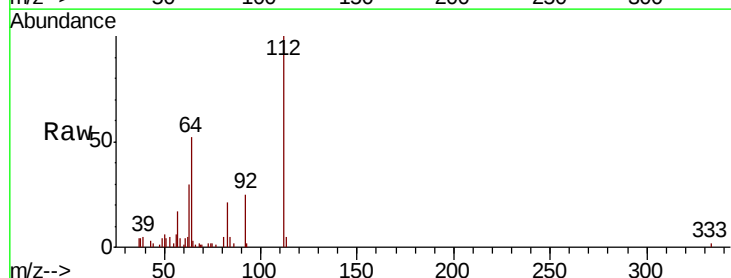
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



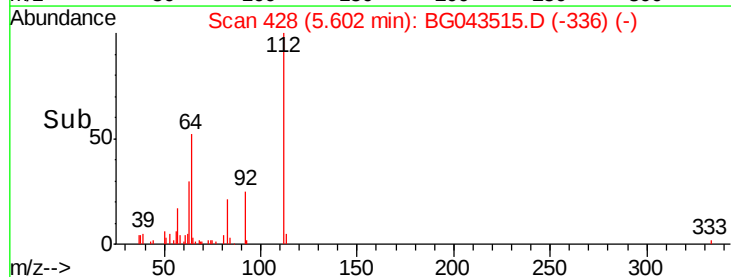
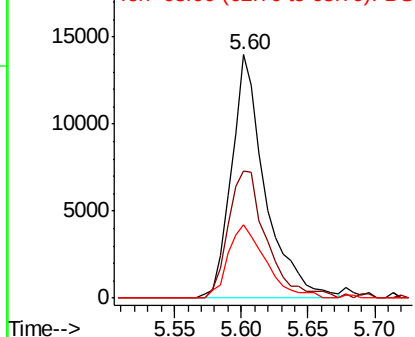
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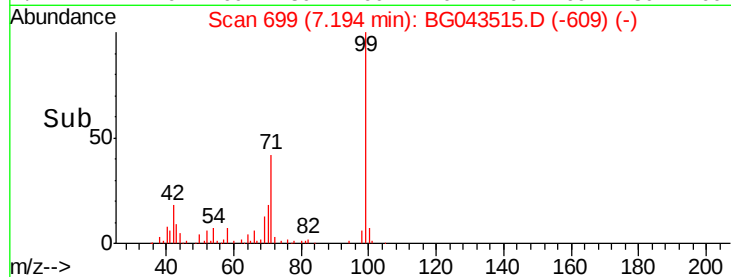
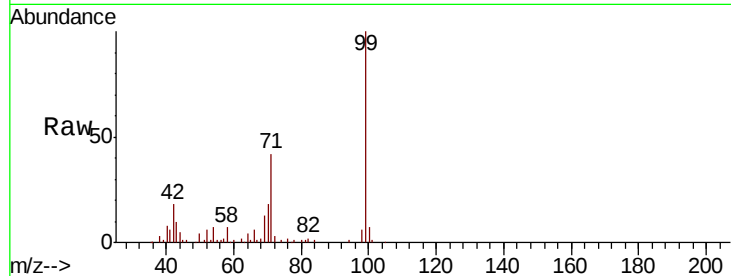
2-Fluorophenol
Concen: 11.296 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

Tgt Ion:112 Resp: 24744
Ion Ratio Lower Upper
112 100
64 52.1 50.0 75.0
63 30.2 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 33.361 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043515.D

Acq: 5 Nov 2019 19:46

Instrument :

BNA_G

ClientSampleId :

20190949-AMENDED-COMPOSITE-

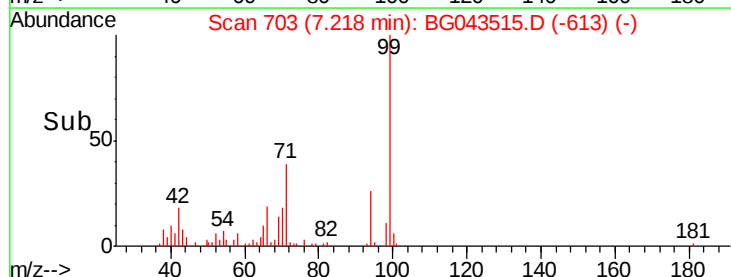
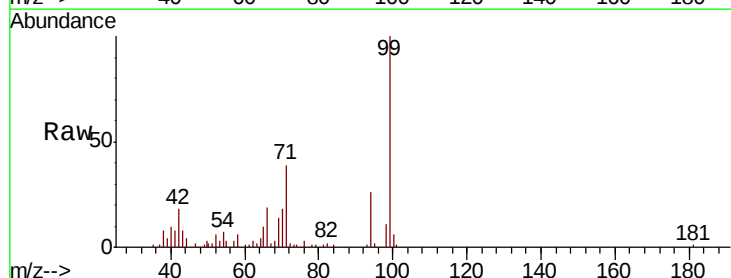
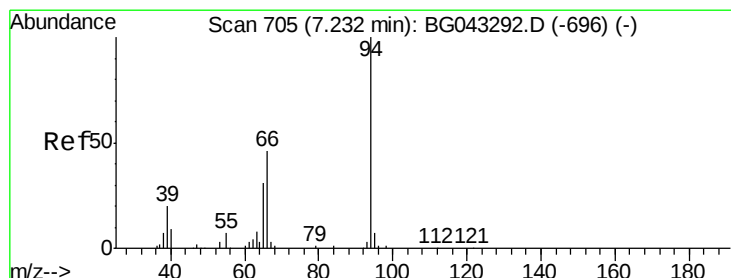
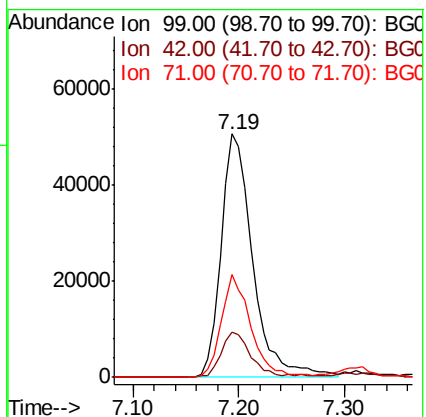
Tot Ion: 99 Resp: 105139

Ion Ratio Lower Upper

99 100

42 18.3 14.6 21.8

71 42.1 32.5 48.7



#10

Phenol

Concen: 2.790 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043515.D

Acq: 5 Nov 2019 19:46

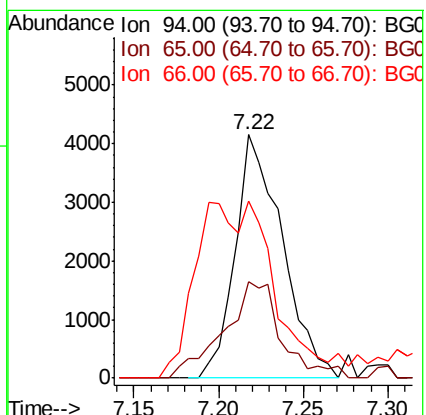
Tgt Ion: 94 Resp: 8034

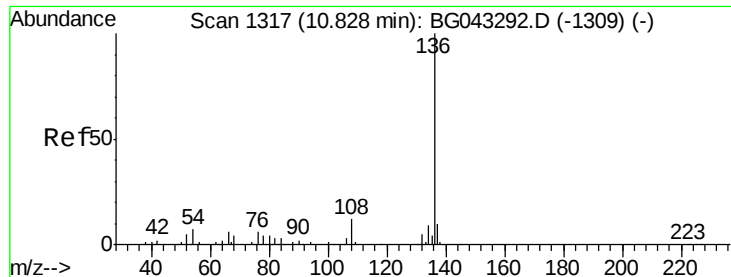
Ion Ratio Lower Upper

94 100

65 39.4 12.6 52.6

66 72.8 30.7 70.7#

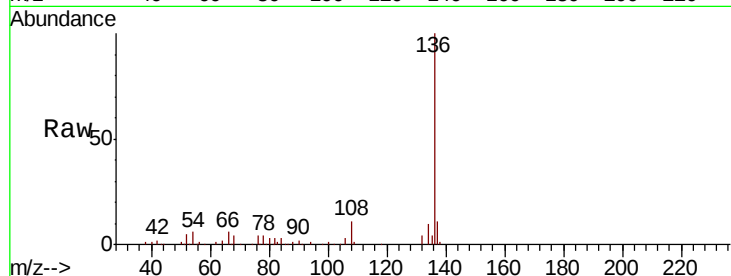




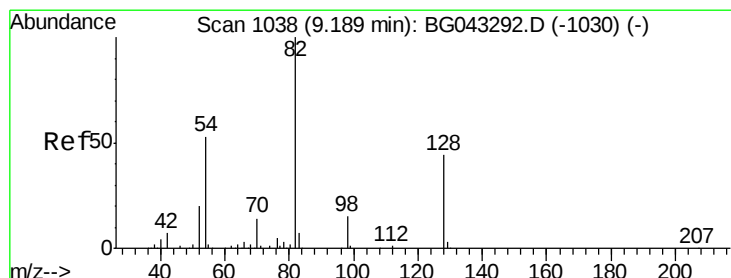
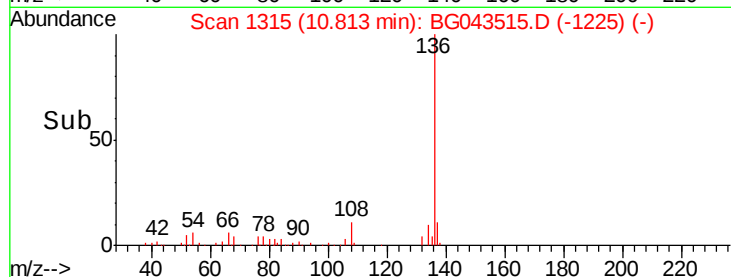
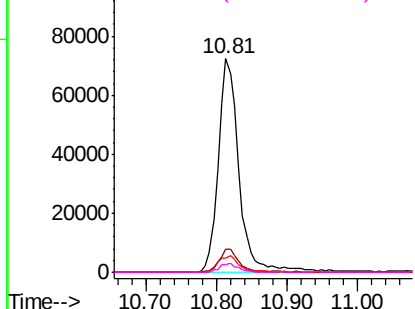
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

Instrument :
BNA_G
ClientSampleId :
20190949-AMENDED-COMPOSITE-

Tot Ion:136	Resp:	146819
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.7 13.1
54	6.4	5.4 8.2
68	3.8	3.0 4.4

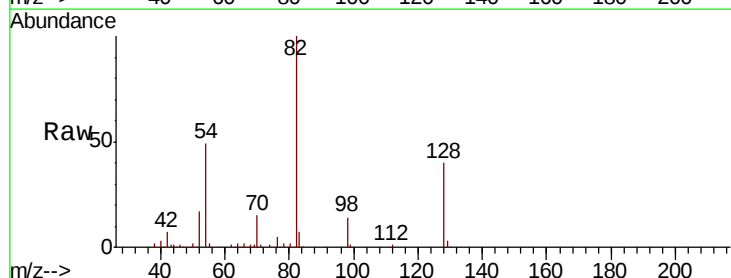


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

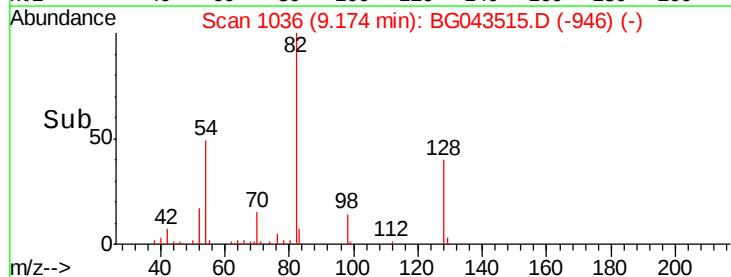
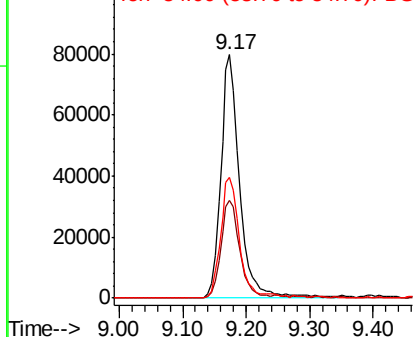


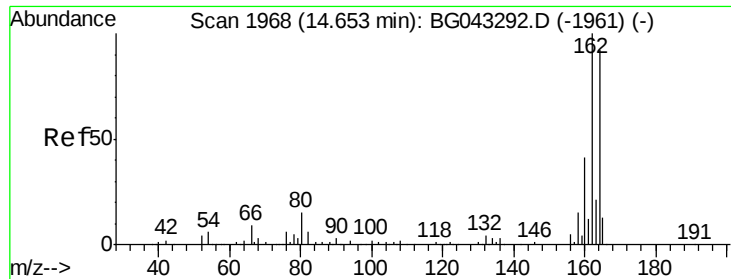
#23
Nitrobenzene-d5
Concen: 58.661 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

Tgt Ion: 82	Resp:	167058
Ion	Ratio	Lower Upper
82	100	
128	40.0	35.0 52.6
54	49.3	40.2 60.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043515.D

Acq: 5 Nov 2019 19:46

Instrument :

BNA_G

ClientSampleId :

20190949-AMENDED-COMPOSITE-

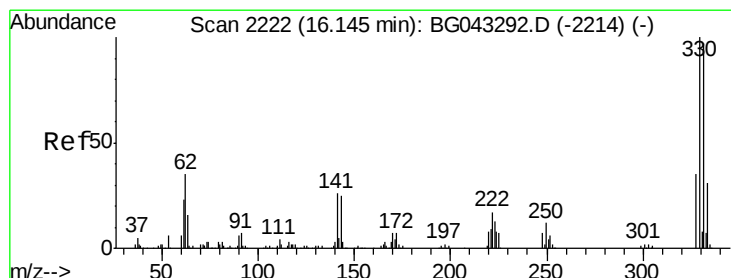
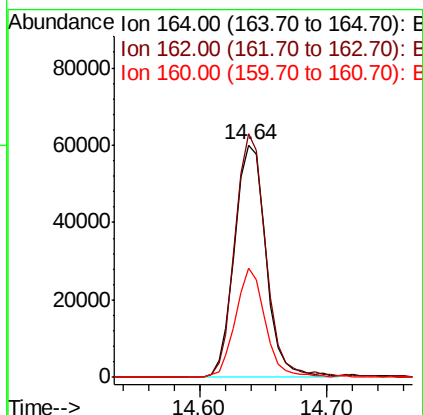
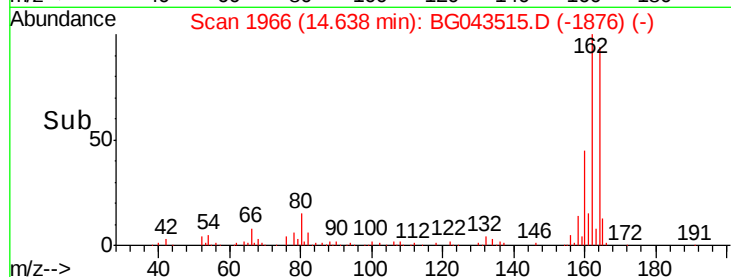
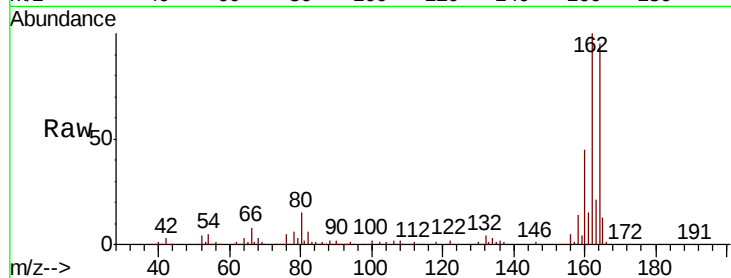
Tot Ion:164 Resp: 103558

Ion Ratio Lower Upper

164 100

162 104.7 83.5 125.3

160 47.1 36.5 54.7



#42

2,4,6-Tribromophenol

Concen: 8.230 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BG043515.D

Acq: 5 Nov 2019 19:46

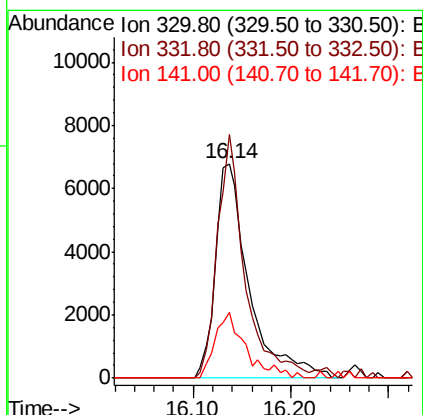
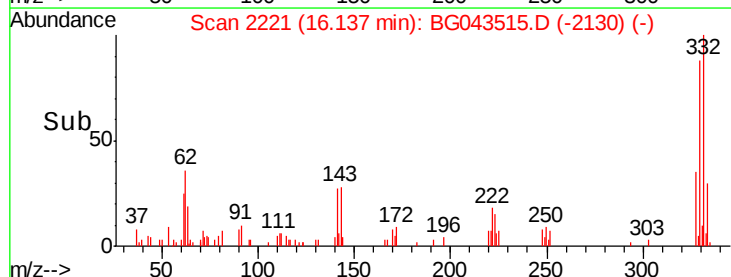
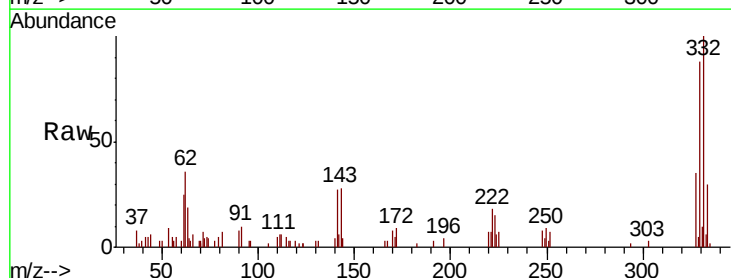
Tgt Ion:330 Resp: 16219

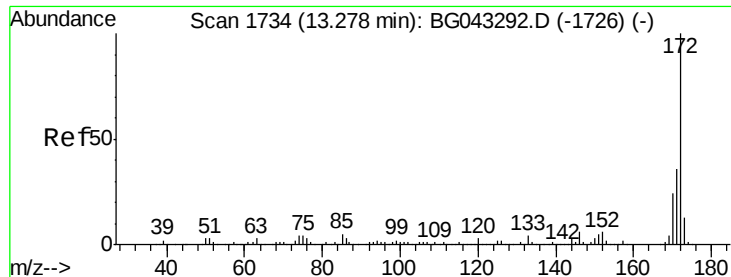
Ion Ratio Lower Upper

330 100

332 93.2 77.4 116.0

141 28.4 22.8 34.2

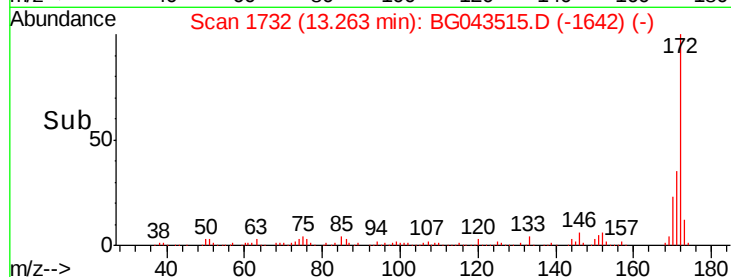
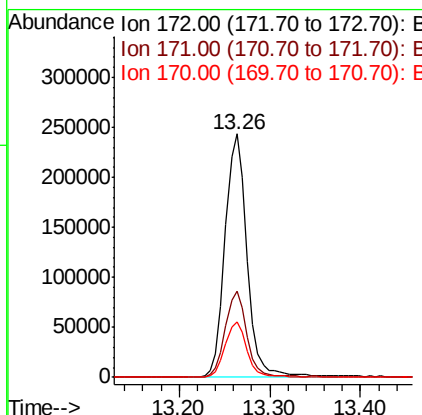
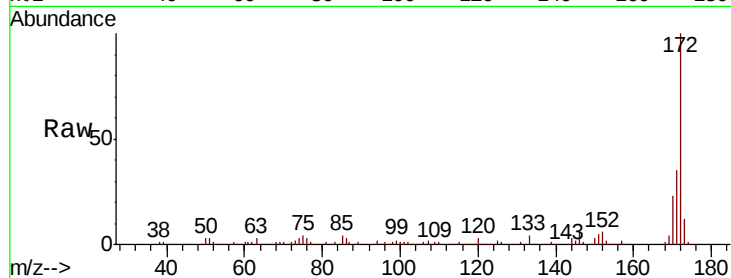




#45
2-Fluorobiphenyl
Concen: 55.168 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

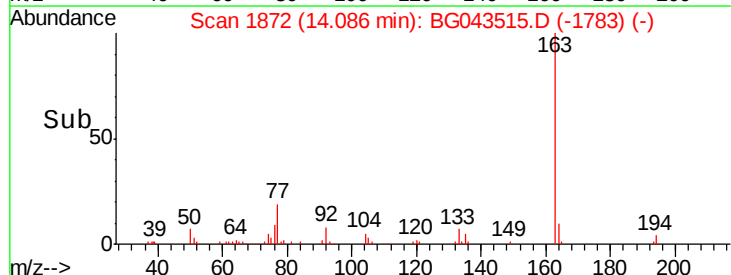
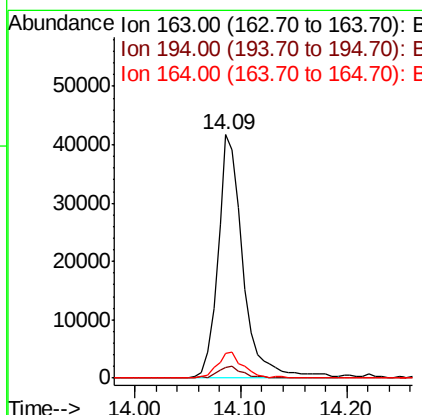
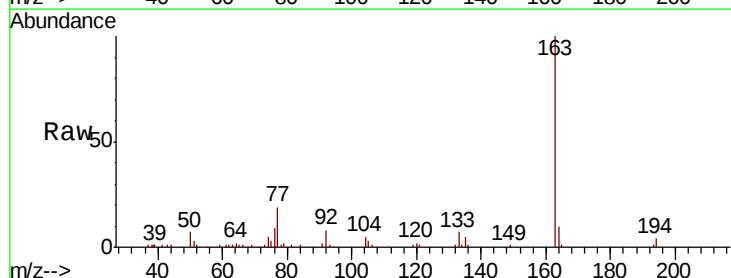
Instrument :
BNA_G
ClientSampleId :
20190949-AMENDED-COMPOSITE-

Tot Ion:172 Resp: 413448
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 22.8 18.5 27.7



#50
Dimethylphthalate
Concen: 8.589 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

Tgt Ion:163 Resp: 68895
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 10.1 8.9 13.3

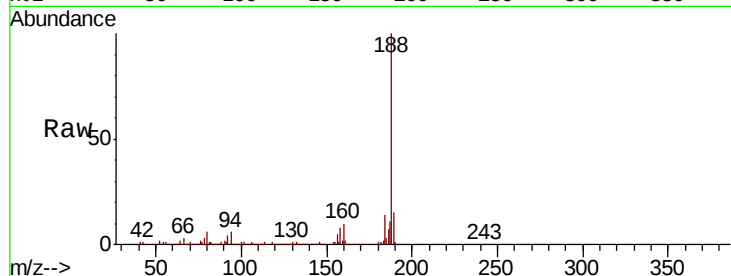




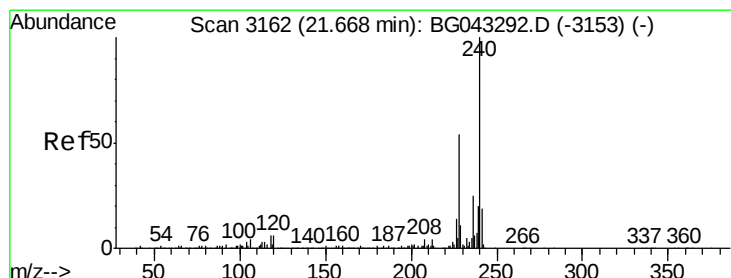
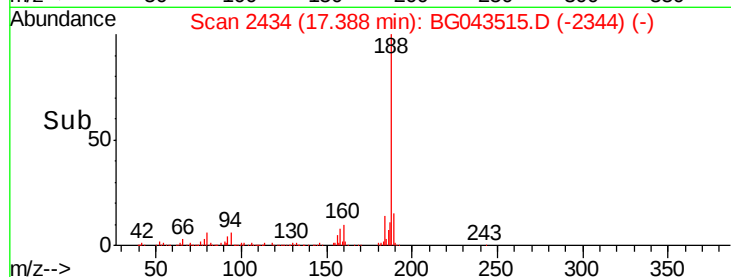
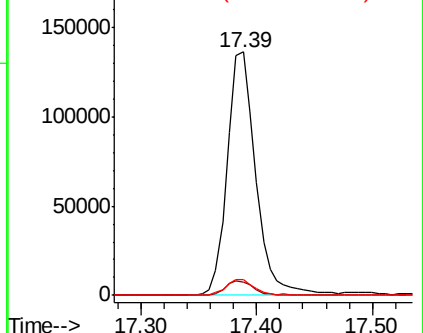
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:188 Resp: 234744
Ion Ratio Lower Upper
188 100
94 5.5 4.2 6.4
80 6.2 4.5 6.7

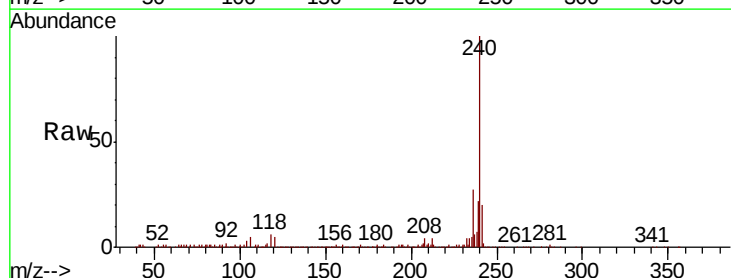


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

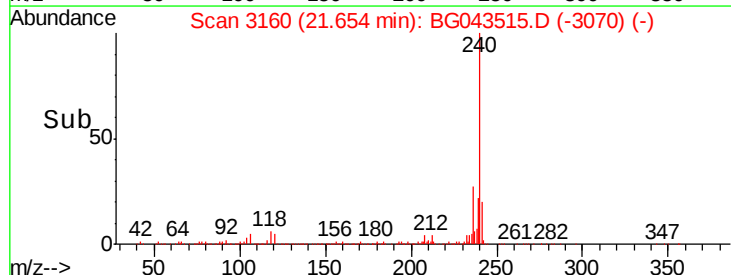
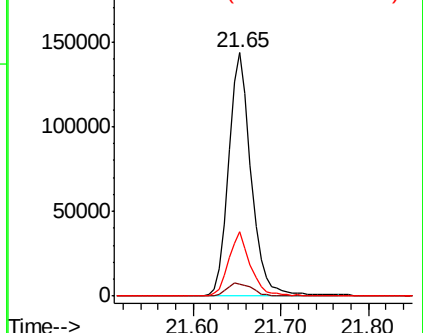


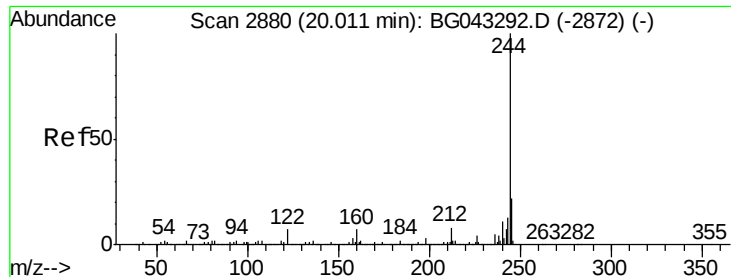
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

Tgt Ion:240 Resp: 253469
Ion Ratio Lower Upper
240 100
120 4.9 4.6 6.8
236 26.7 19.8 29.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 57.613 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043515.D

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ClientSampleId :

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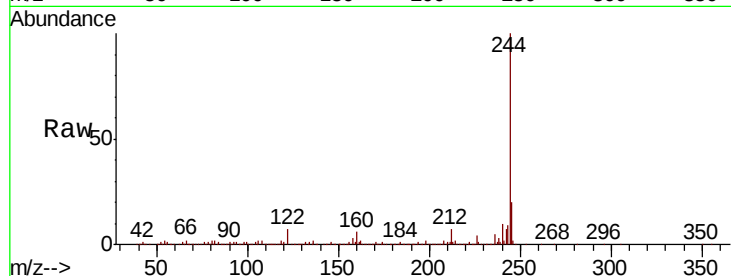
Tot Ion:244 Resp: 778393

Ion Ratio Lower Upper

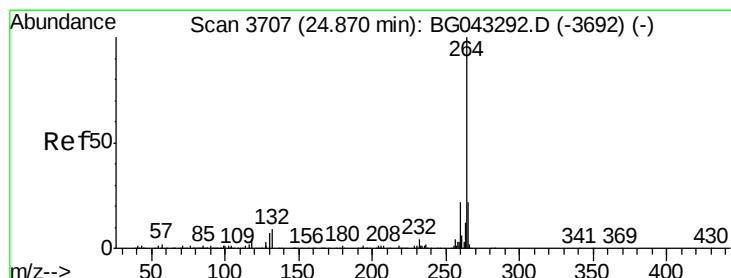
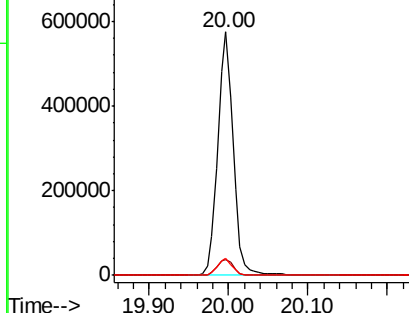
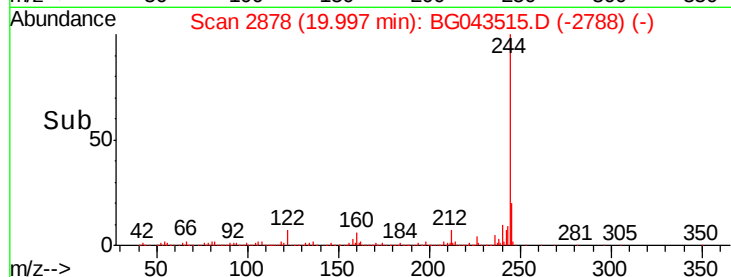
244 100

212 6.7 5.8 8.6

122 6.8 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043515.D

Acq: 5 Nov 2019 19:46

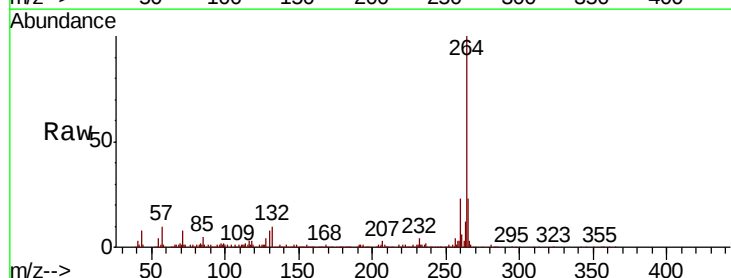
Tgt Ion:264 Resp: 300926

Ion Ratio Lower Upper

264 100

260 23.5 17.5 26.3

265 22.6 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

