

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043472.D
 Acq On : 1 Nov 2019 19:14
 Operator : JU
 Sample : K5603-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190949-AMENDED-COMPOSITE-

Quant Time: Nov 02 00:04:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

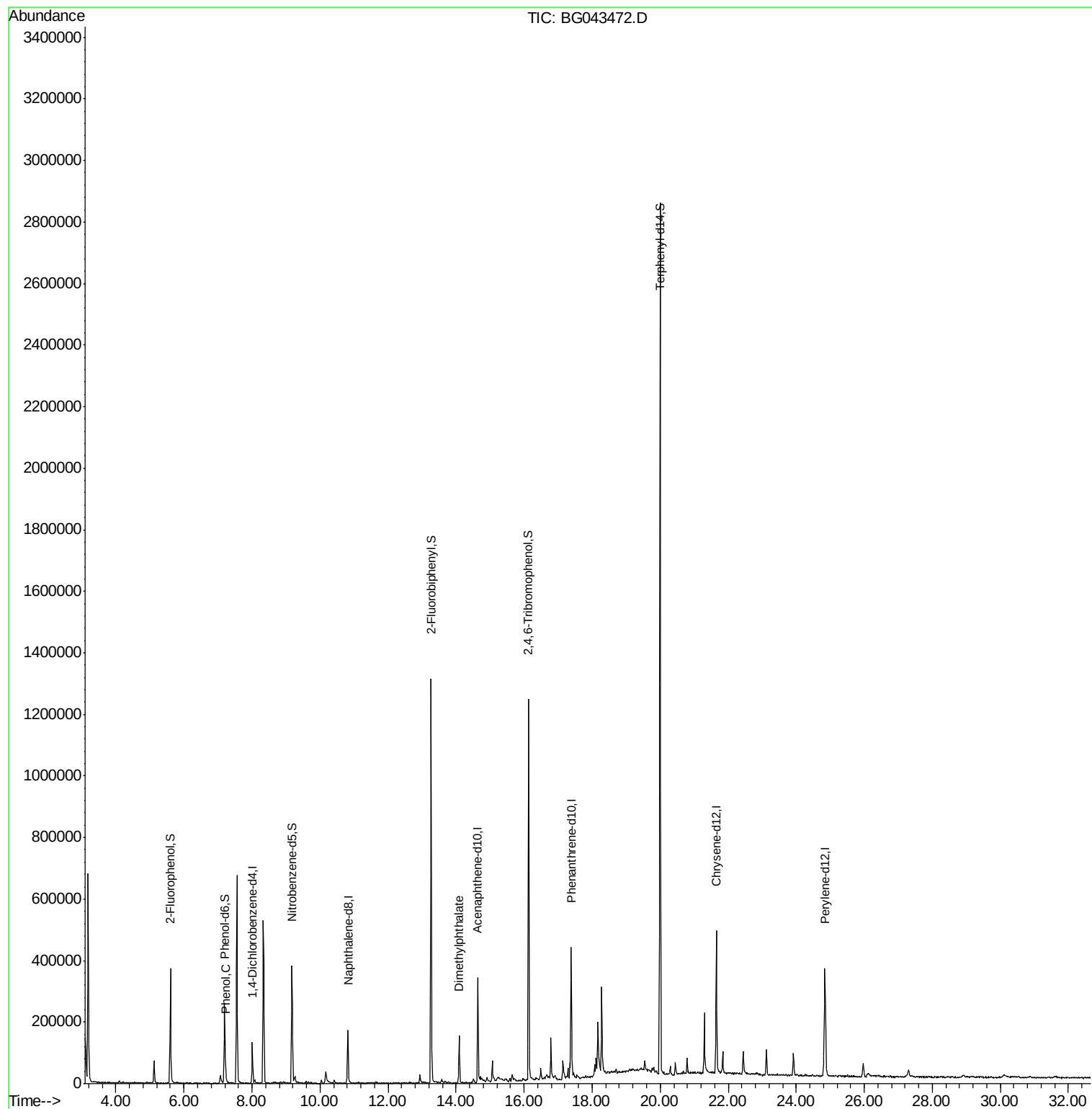
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	41025	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	163859	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	123177	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	287576	20.00	ng	-0.02
76) Chrysene-d12	21.65	240	305494	20.00	ng	-0.02
87) Perylene-d12	24.84	264	365068	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	179653	80.24	ng	0.00
7) Phenol-d6	7.19	99	161489	50.13	ng	0.00
23) Nitrobenzene-d5	9.17	82	249677	78.56	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	287500	122.65	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	719854	80.75	ng	-0.01
79) Terphenyl-d14	20.00	244	1410288	86.61	ng	-0.01
Target Compounds						
10) Phenol	7.22	94	15625	5.308	ng	95
50) Dimethylphthalate	14.09	163	106525	11.165	ng	100

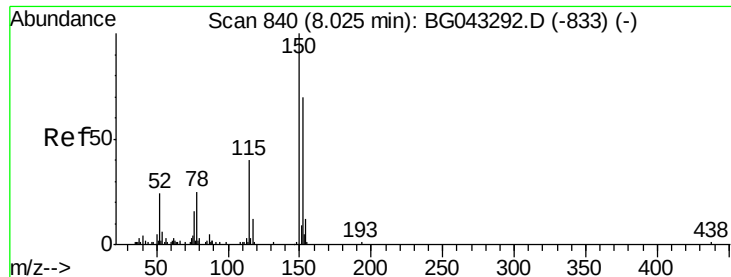
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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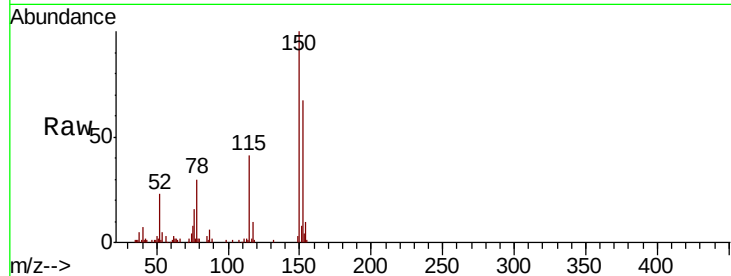


#1

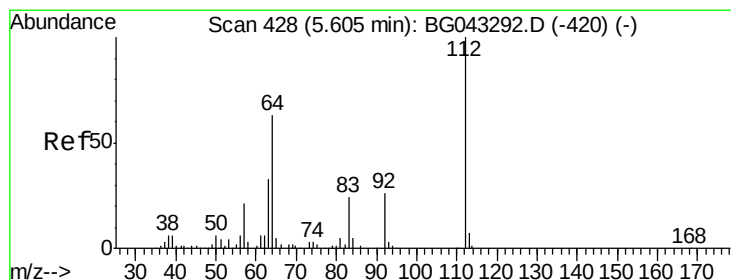
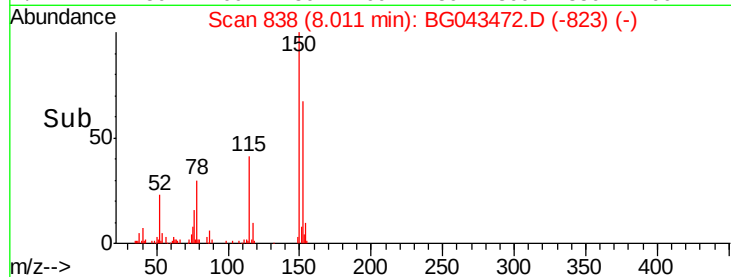
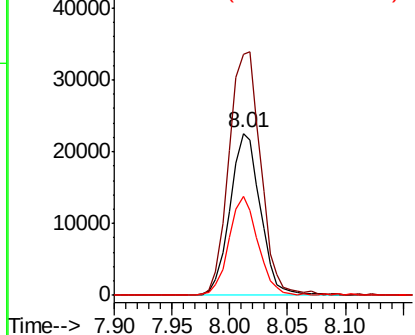
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.01 min
Lab File: BG043472.D
Acq: 1 Nov 2019 19:14

Instrument :
BNA_G
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Tot Ion:152 Resp: 41025
Ion Ratio Lower Upper
152 100
150 148.8 113.6 170.4
115 61.4 45.9 68.9



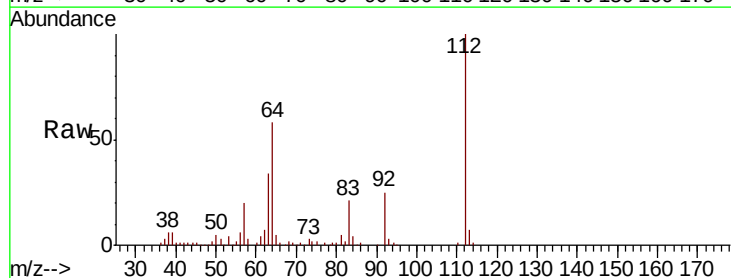
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



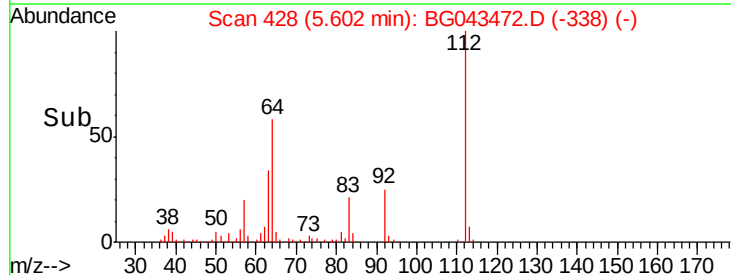
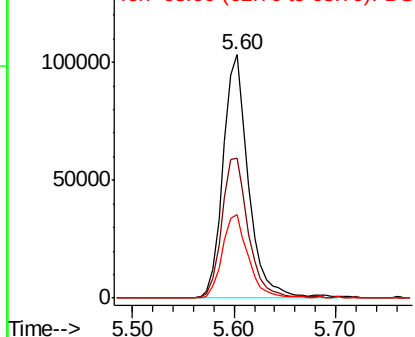
#5

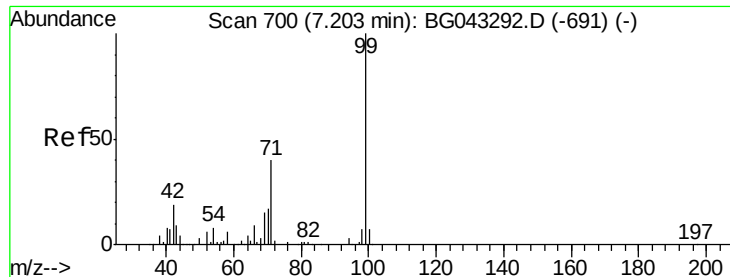
2-Fluorophenol
Concen: 80.245 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043472.D
Acq: 1 Nov 2019 19:14

Tgt Ion:112 Resp: 179653
Ion Ratio Lower Upper
112 100
64 57.6 50.2 75.2
63 34.2 26.7 40.1



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





#7

Phenol-d6

Concen: 50.134 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043472.D

Acq: 1 Nov 2019 19:14

Instrument :

BNA_G

ClientSampleId :

20190949-AMENDED-COMPOSITE-

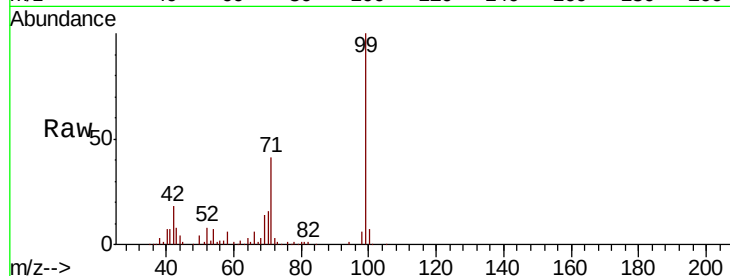
Tot Ion: 99 Resp: 161489

Ion Ratio Lower Upper

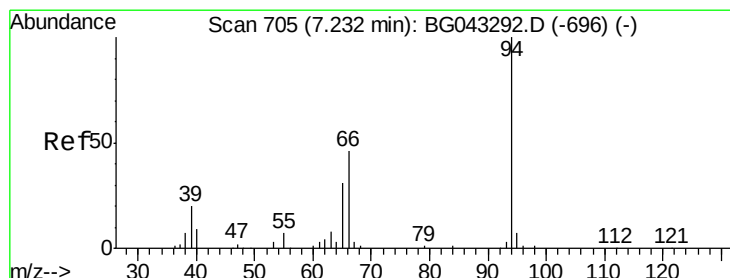
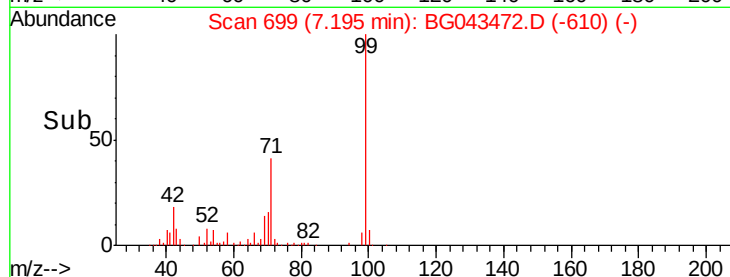
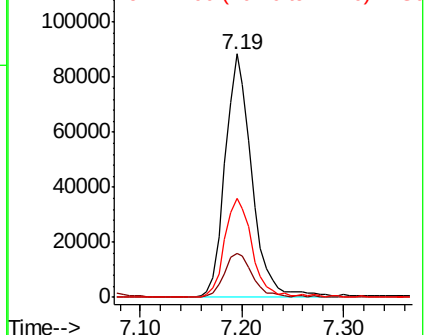
99 100

42 18.1 14.9 22.3

71 40.8 32.2 48.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 5.308 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043472.D

Acq: 1 Nov 2019 19:14

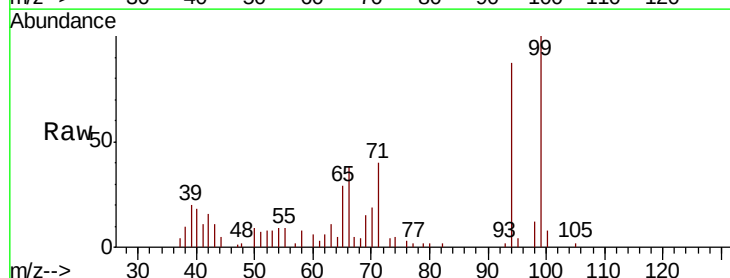
Tgt Ion: 94 Resp: 15625

Ion Ratio Lower Upper

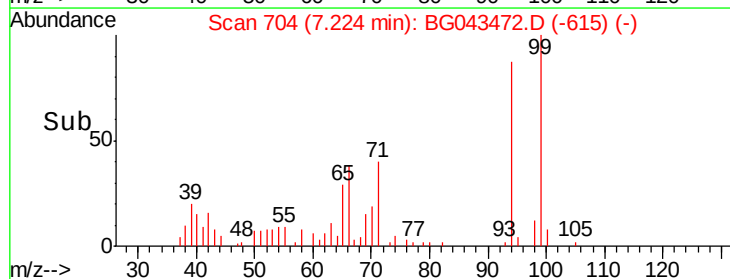
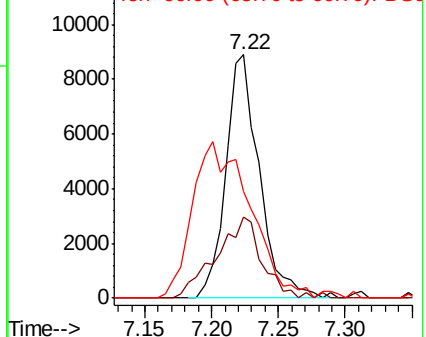
94 100

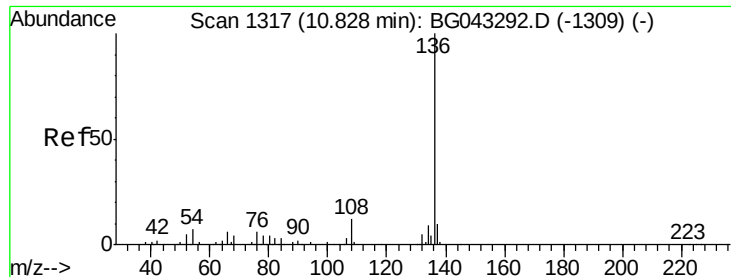
65 33.1 11.1 51.1

66 43.9 27.8 67.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

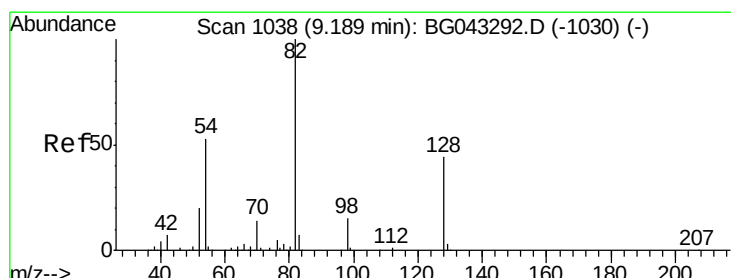
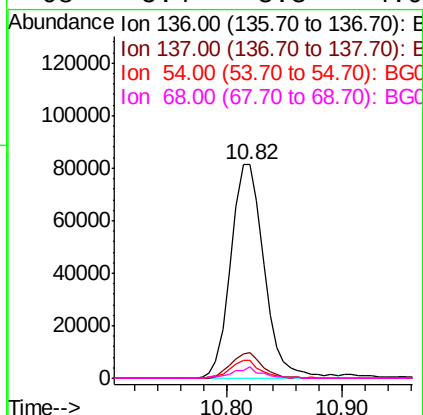
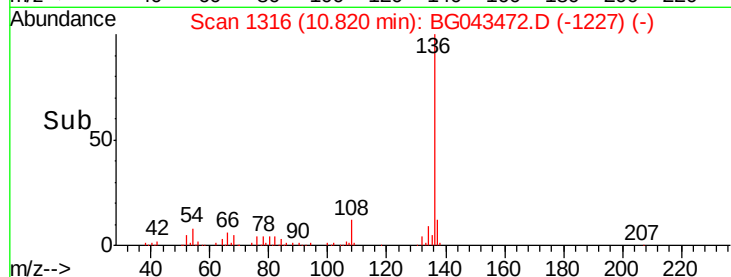
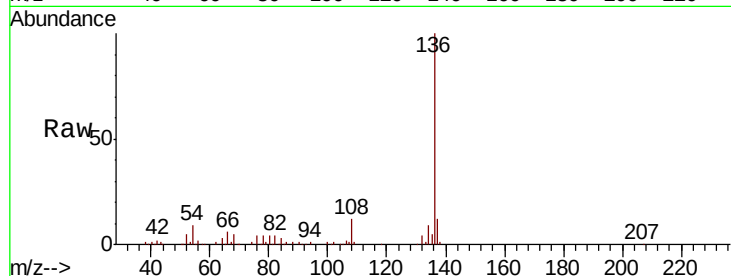




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG043472.D
Acq: 1 Nov 2019 19:14

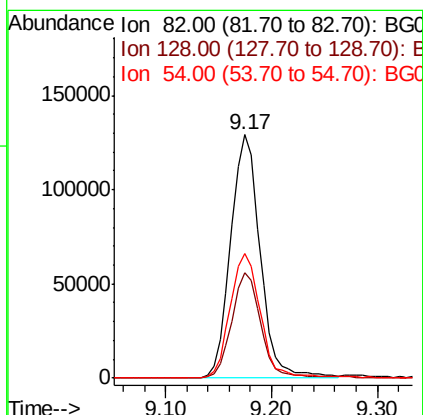
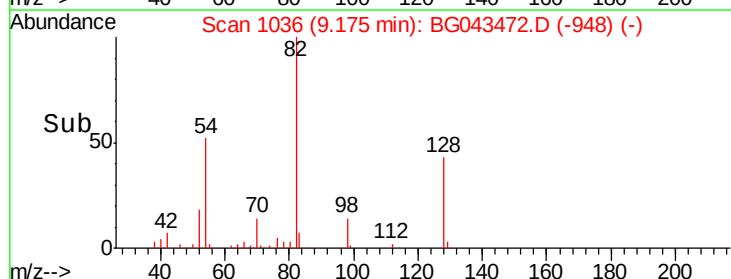
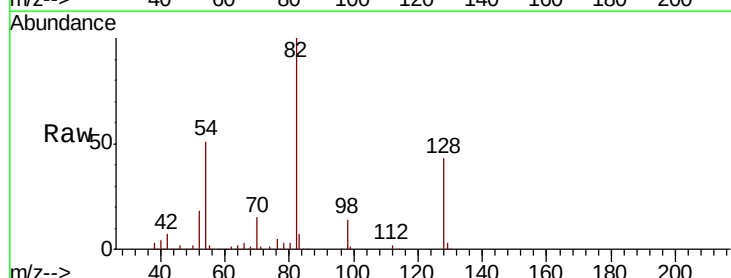
Instrument :
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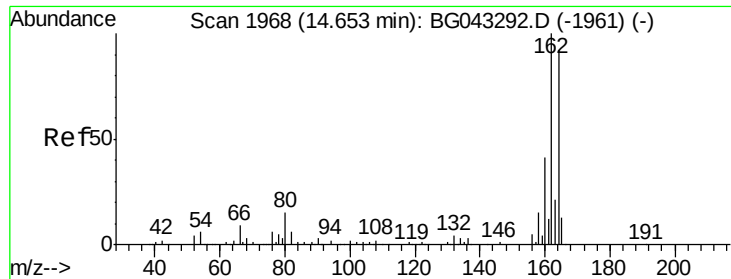
Tot Ion:136	Resp:	163859
Ion	Ratio	Lower Upper
136	100	
137	11.8	8.2 12.2
54	8.6	5.4 8.2#
68	5.4	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 78.555 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG043472.D
Acq: 1 Nov 2019 19:14

Tgt Ion: 82	Resp:	249677
Ion	Ratio	Lower Upper
82	100	
128	43.2	35.3 52.9
54	51.4	42.3 63.5

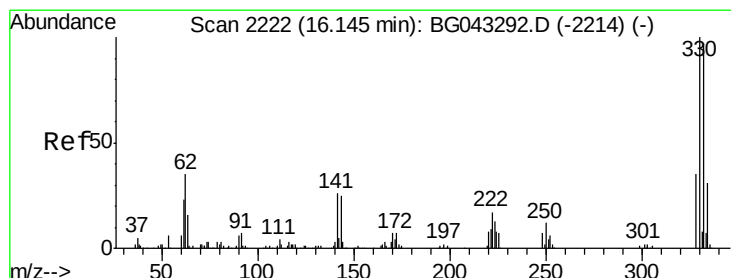
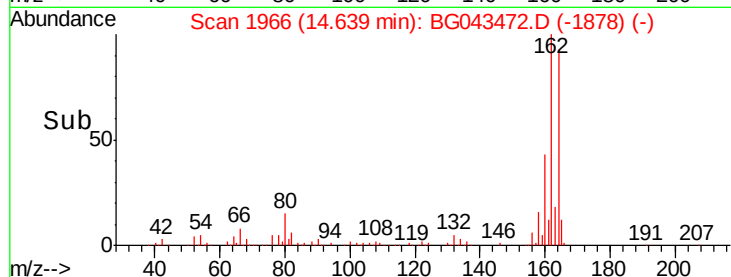
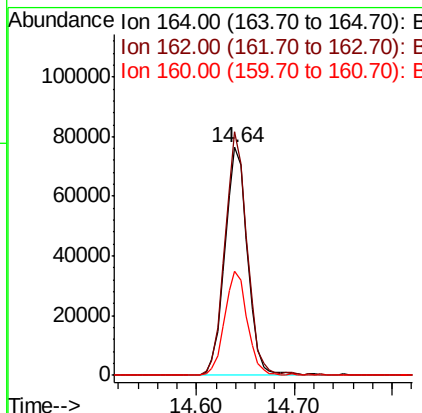
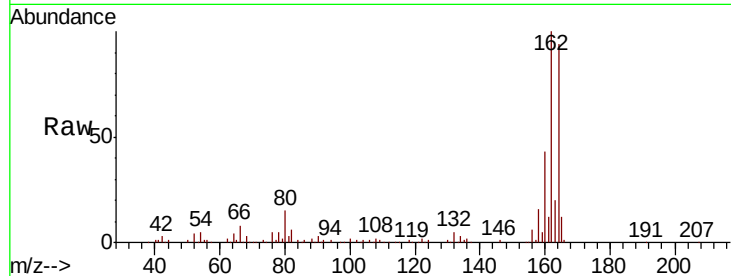




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG043472.D
Acq: 1 Nov 2019 19:14

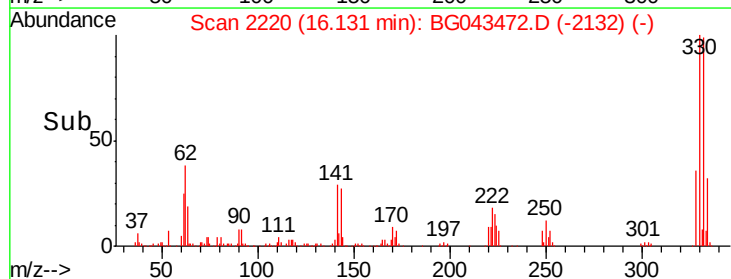
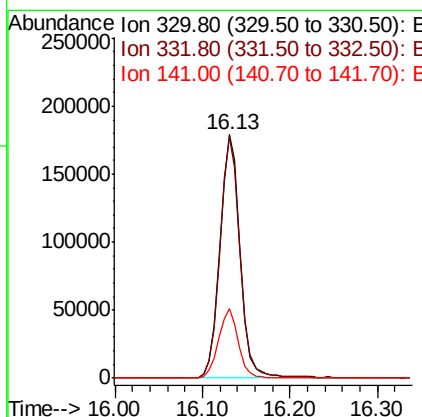
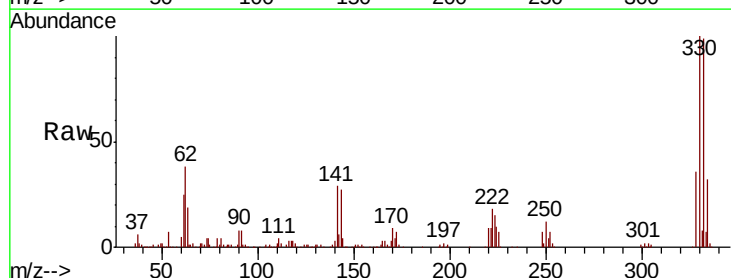
Instrument :
BNA_G
ClientSampleId :
20190949-AMENDED-COMPOSITE-

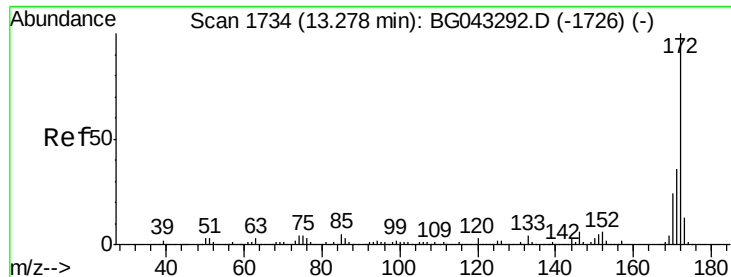
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.9	87.0	130.4
160	45.9	35.5	53.3



#42
2,4,6-Tribromophenol
Concen: 122.650 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG043472.D
Acq: 1 Nov 2019 19:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.4	114.6
141	28.1	21.4	32.0

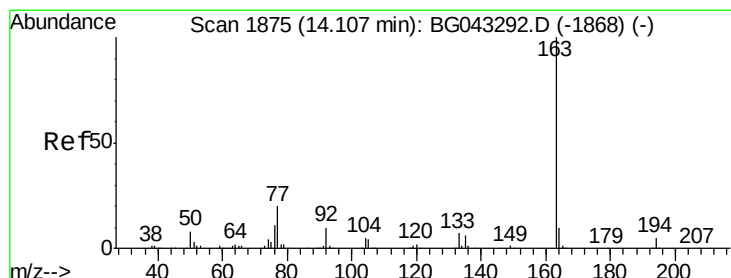
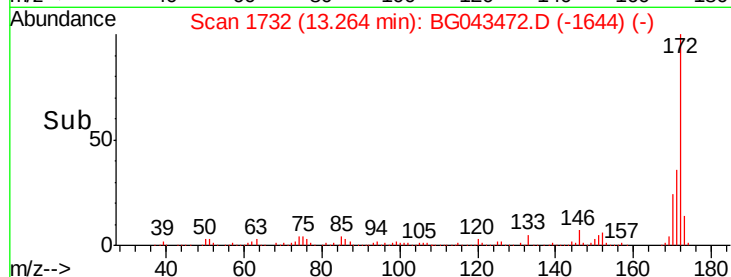
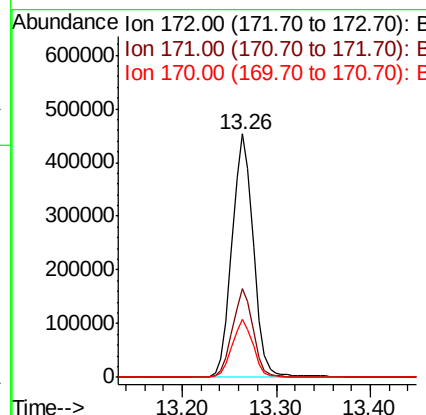
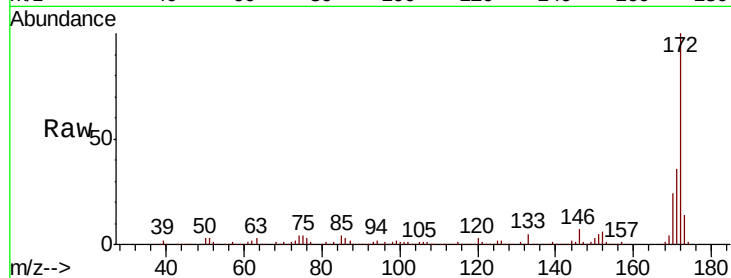




#45
 2-Fluorobiphenyl
 Concen: 80.753 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG043472.D
 Acq: 1 Nov 2019 19:14

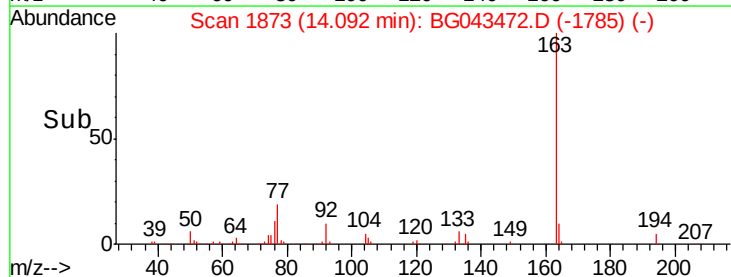
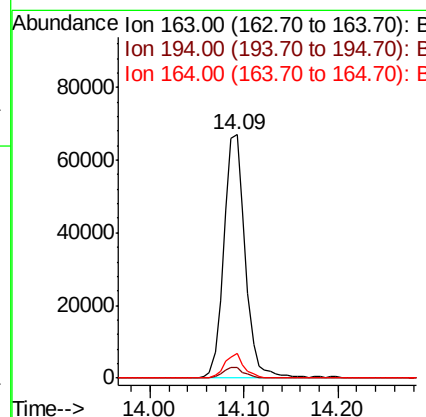
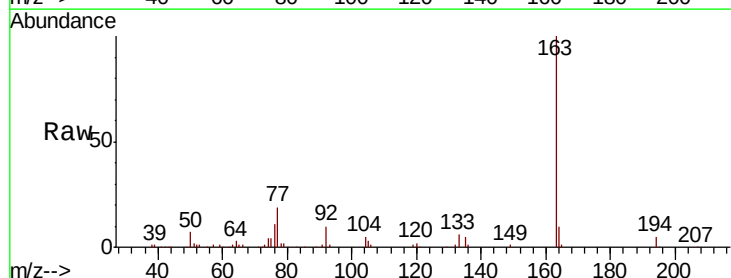
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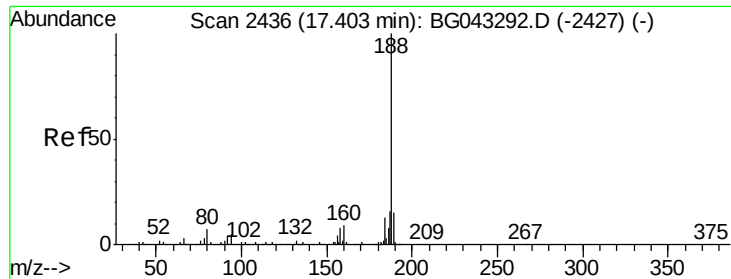
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	24.1	18.8	28.2



#50
 Dimethylphthalate
 Concen: 11.165 ng
 RT: 14.09 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BG043472.D
 Acq: 1 Nov 2019 19:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.0	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.02 min

Lab File: BG043472.D

Acq: 1 Nov 2019 19:14

Instrument :

BNA_G

ClientSampleId :

20190949-AMENDED-COMPOSITE-

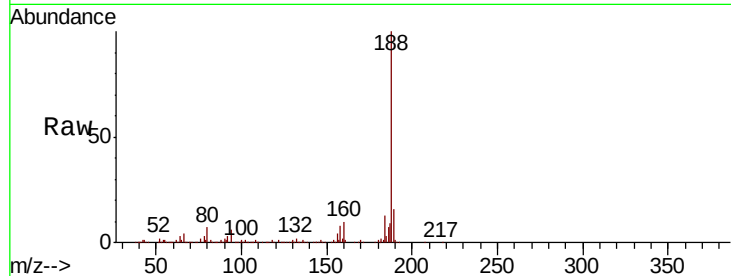
Tot Ion:188 Resp: 287576

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.2

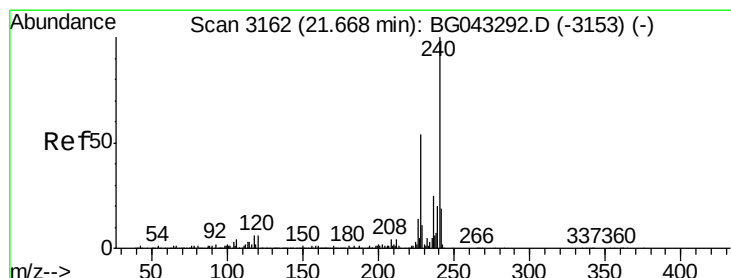
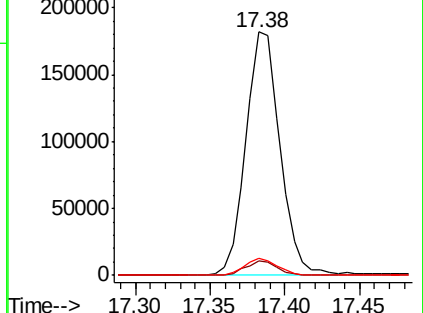
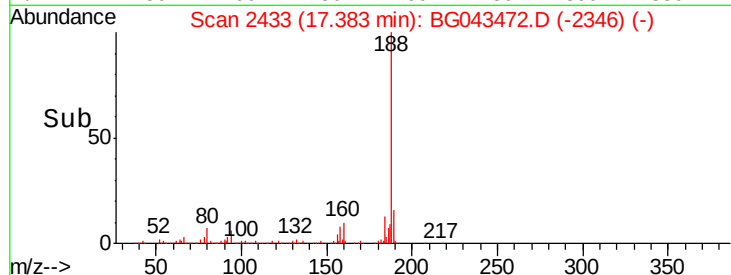
80 6.8 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG043472.D

Acq: 1 Nov 2019 19:14

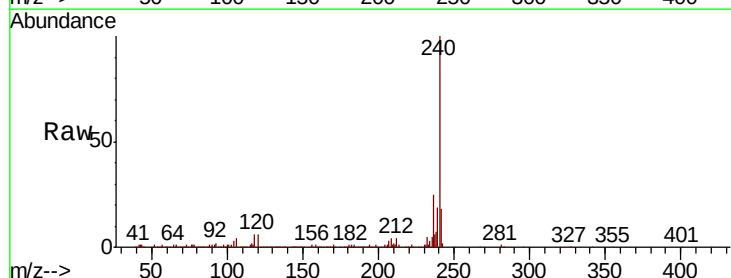
Tgt Ion:240 Resp: 305494

Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

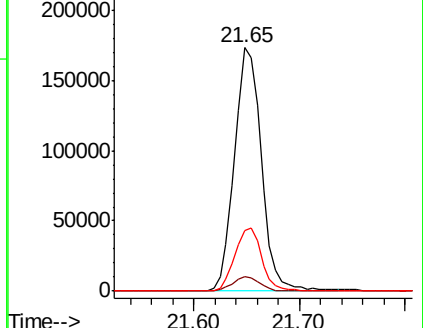
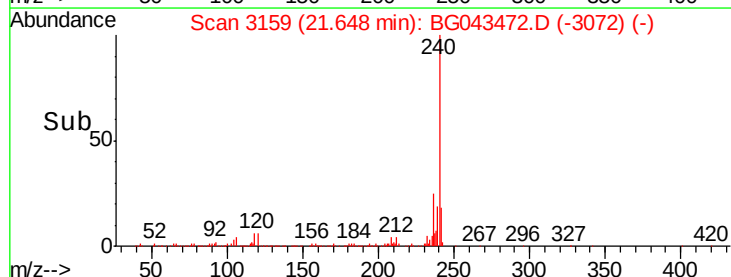
236 25.0 20.2 30.4

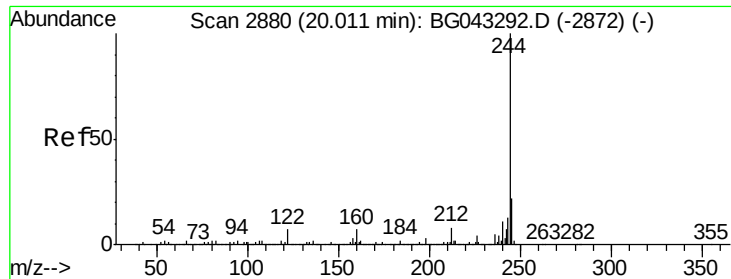


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.607 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG043472.D

Acq: 1 Nov 2019 19:14

Instrument :

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ClientSampleId :

20190949-AMENDED-COMPOSITE-

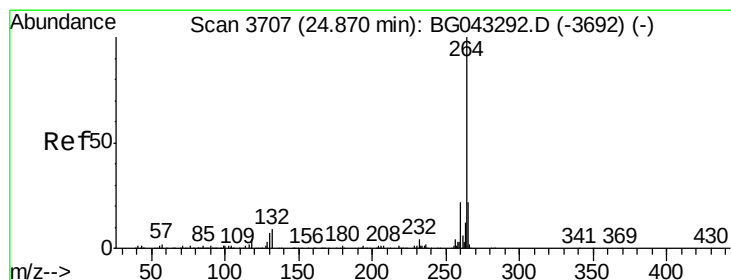
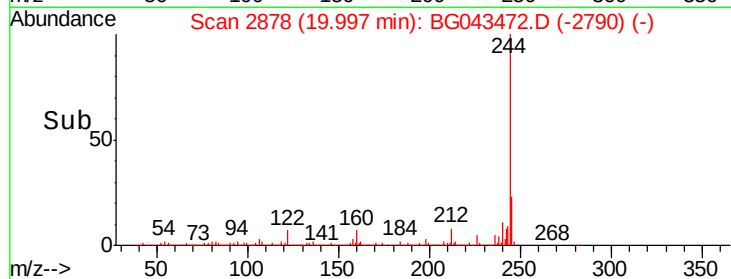
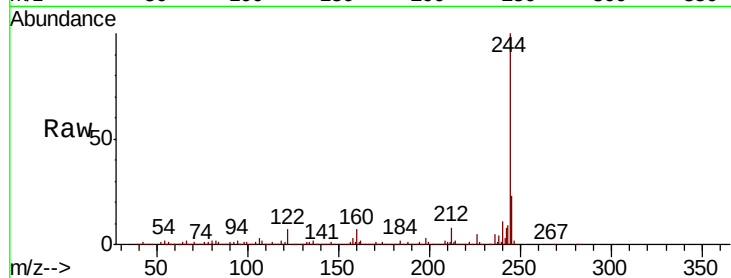
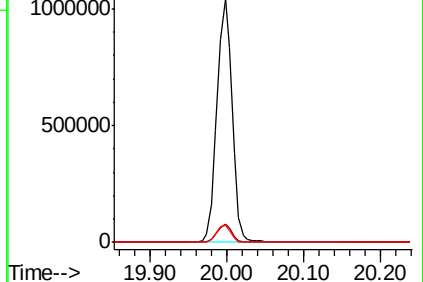
Tot Ion:244 Resp: 1410288

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	7.0	5.3	7.9

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: 24.84 min Scan# 3703

Delta R.T. -0.03 min

Lab File: BG043472.D

Acq: 1 Nov 2019 19:14

Tgt Ion:264 Resp: 365068

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.9	26.9
265	19.7	17.4	26.2

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

