

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042805.D
 Acq On : 13 Sep 2019 7:03
 Operator : HP/JU
 Sample : K4850-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC-7-(7)

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:03:43 AM

Quant Time: Sep 13 08:53:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	81846	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	304409	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	206285	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	489849	20.00	ng	0.00
76) Chrysene-d12	21.75	240	519560	20.00	ng	-0.01
87) Perylene-d12	25.02	264	563916	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	562818	119.55	ng	0.00
7) Phenol-d6	7.27	99	766113	113.38	ng	0.00
23) Nitrobenzene-d5	9.28	82	571027	97.66	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	379991	138.46	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1208411	92.73	ng	0.00
79) Terphenyl-d14	20.09	244	2154059	91.89	ng	0.00
Target Compounds						
31) Naphthalene	10.98	128	924167	61.489	ng	99
37) 2-Methylnaphthalene	12.57	142	97335	8.645	ng	95
38) 1-Methylnaphthalene	12.79	142	62442m	5.913	ng	
50) Dimethylphthalate	14.18	163	69422	4.492	ng	98

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

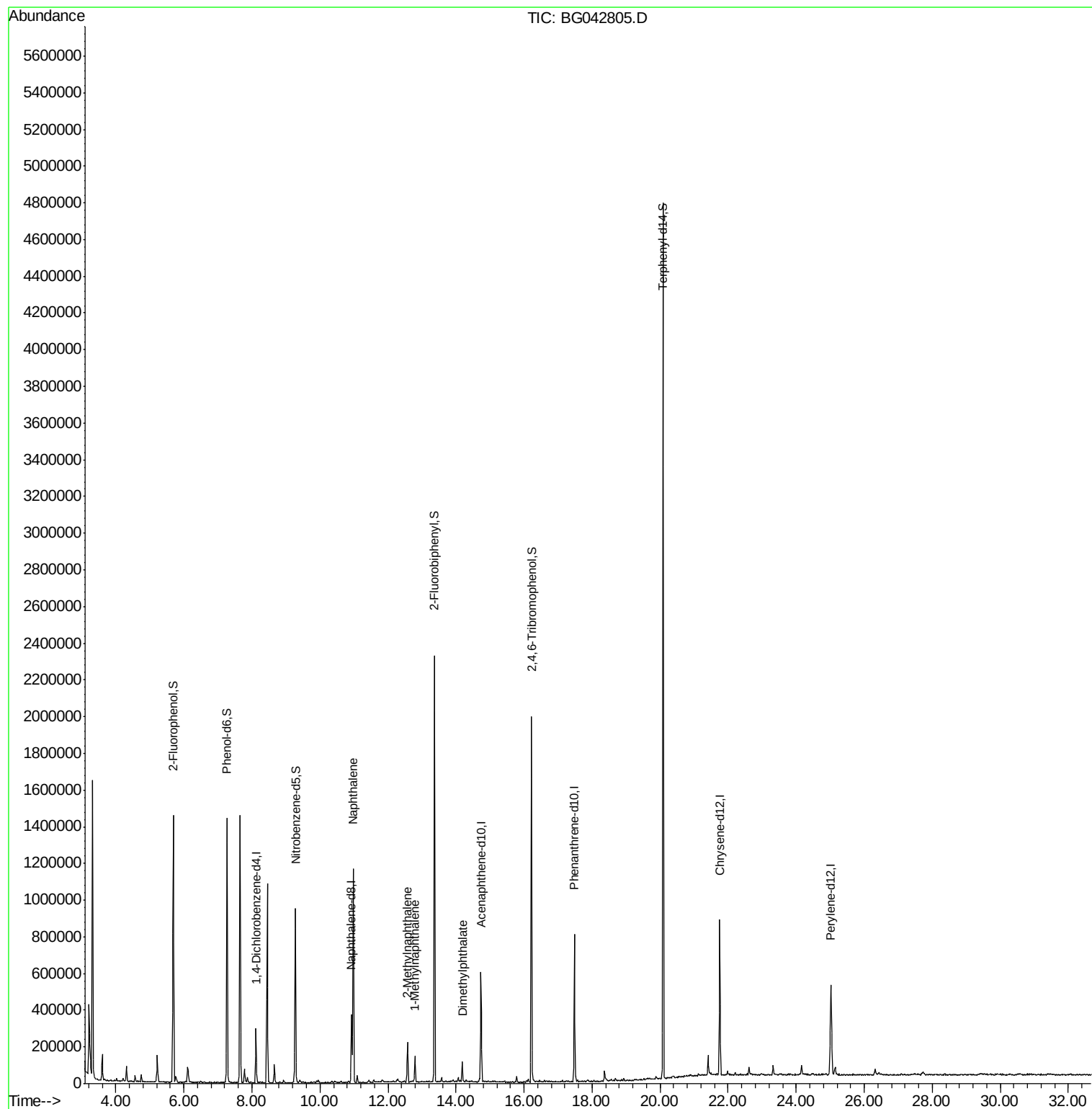
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042805.D
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Sample : K4850-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

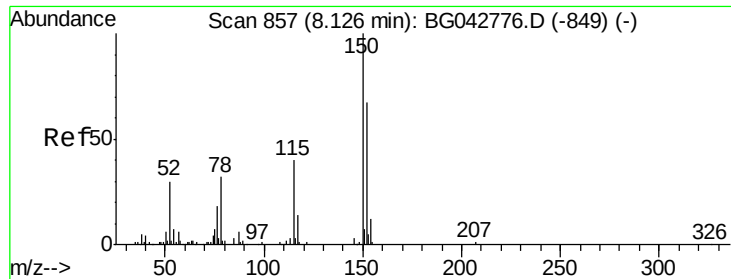
Instrument :
BNA_G
ClientSampleId :
AOC-7-(7)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
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#1

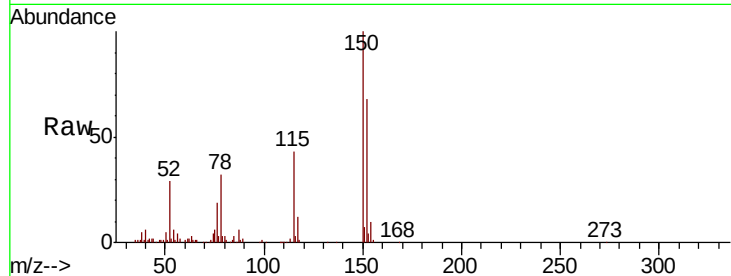
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042805.D
Acq: 13 Sep 2019 7:03

Instrument :
BNA_G
ClientSampleId :
AOC-7(-7)

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	118.9	178.3
115	64.1	47.4	71.2

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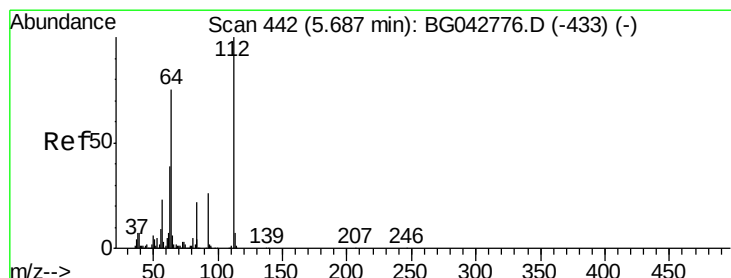
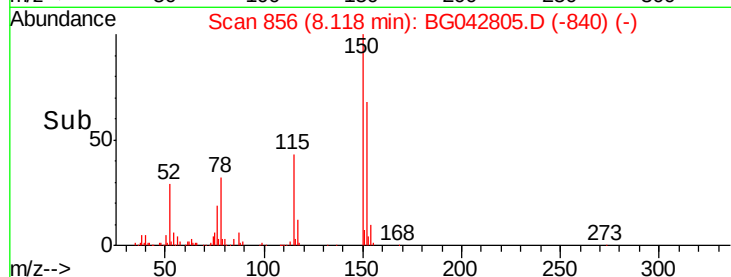
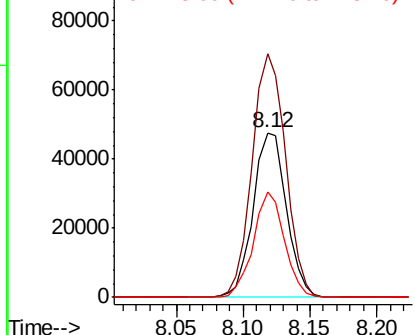


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

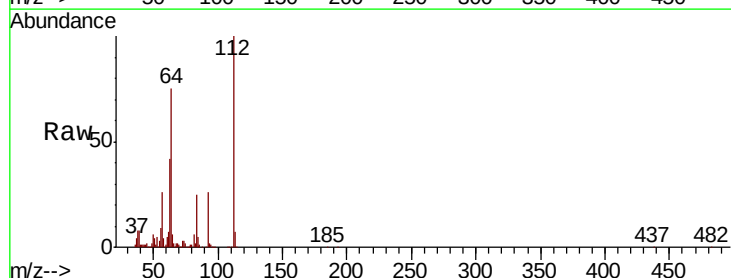
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.552 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042805.D
Acq: 13 Sep 2019 7:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.1	60.2	90.2
63	41.9	31.2	46.8

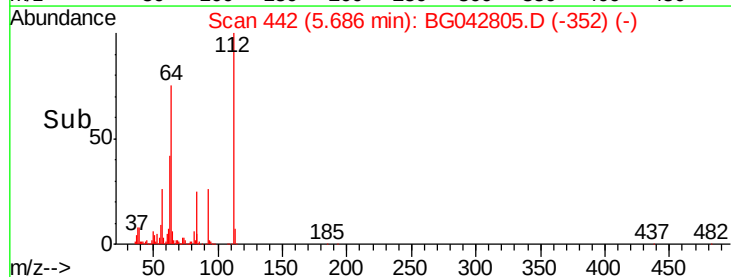
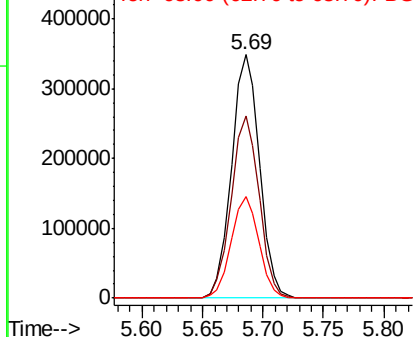


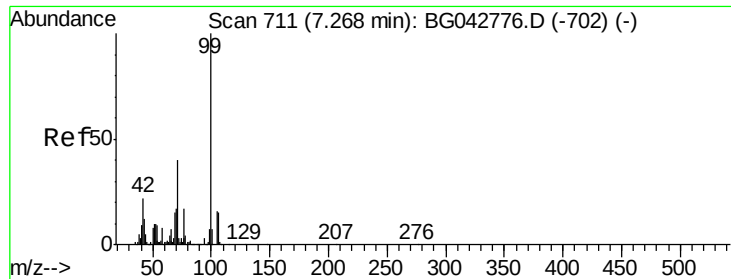
Abundance

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: 113.378 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042805.D

Acq: 13 Sep 2019 7:03

Instrument :

BNA_G

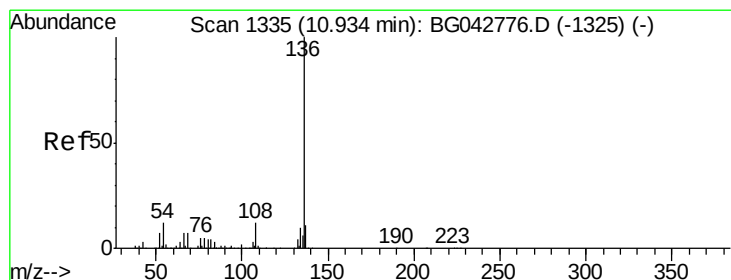
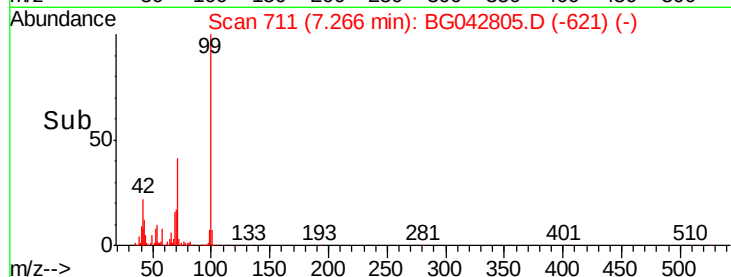
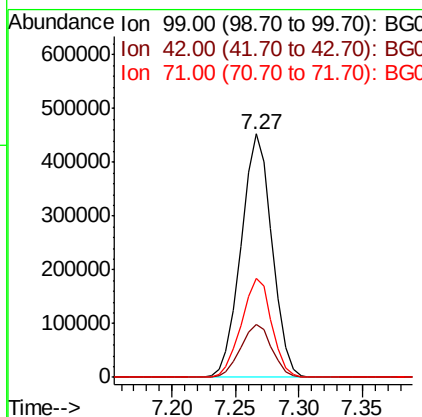
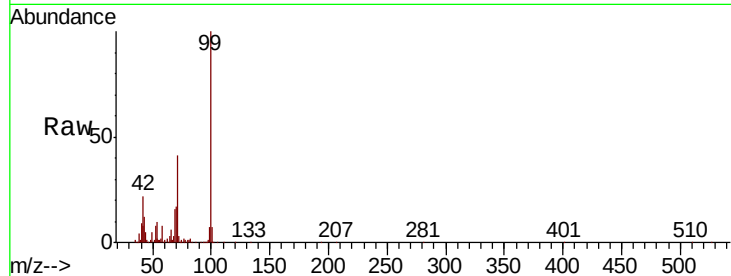
ClientSampleId :

AOC-7(-7)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		766113		
42	21.7	17.5	26.3		
71	40.7	32.0	48.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

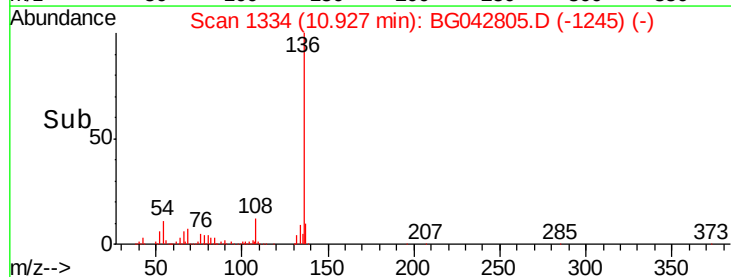
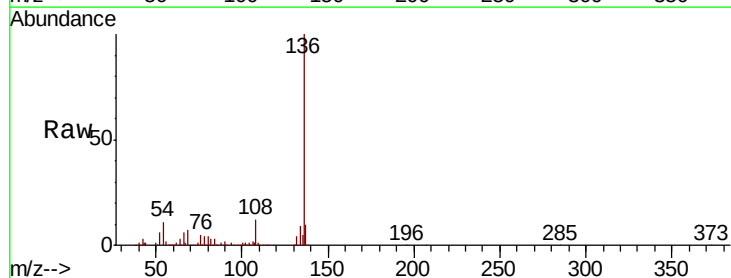
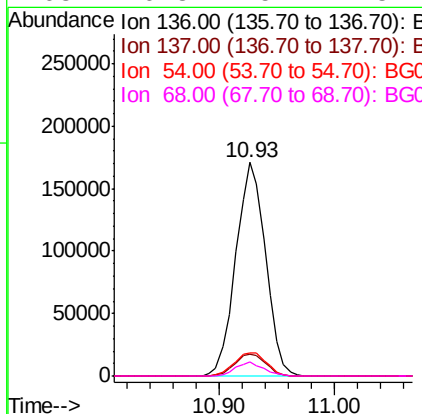
RT: 10.93 min Scan# 1334

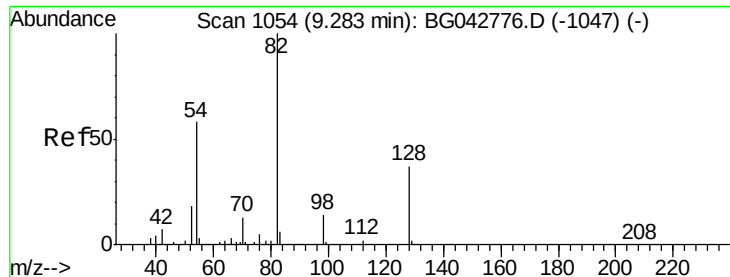
Delta R.T. -0.01 min

Lab File: BG042805.D

Acq: 13 Sep 2019 7:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		304409		
137	10.4	9.0	13.6		
54	10.9	9.4	14.0		
68	6.8	5.4	8.2		





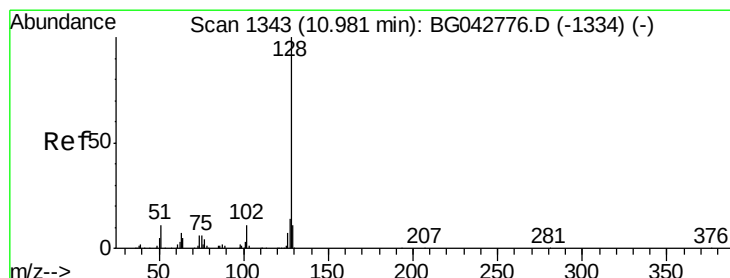
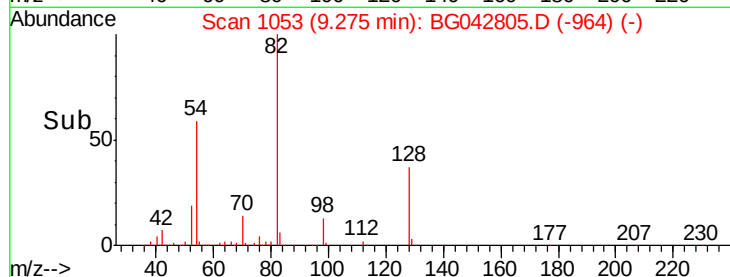
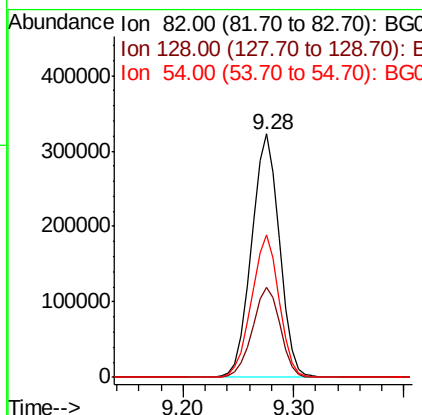
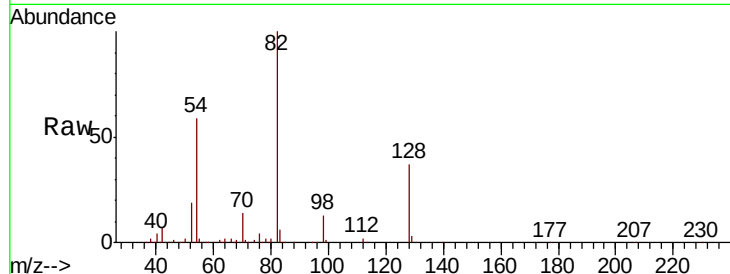
#23
Nitrobenzene-d5
Concen: 97.662 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042805.D
Acq: 13 Sep 2019 7:03

Instrument :
BNA_G
ClientSampleId :
AOC-7(7)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	571027		
128	36.8	29.8	44.8	
54	58.6	46.1	69.1	

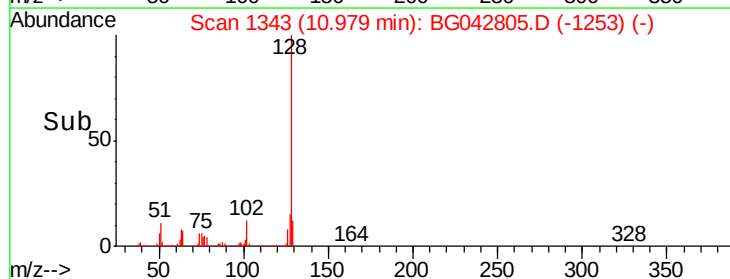
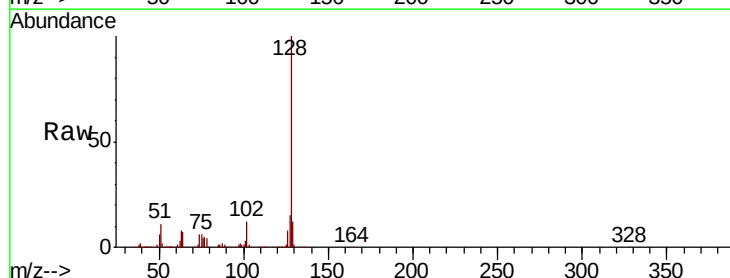
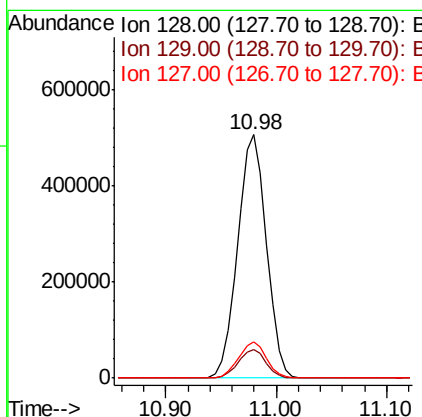
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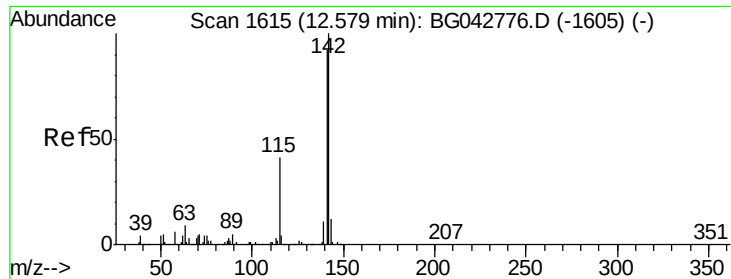
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#31
Naphthalene
Concen: 61.489 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042805.D
Acq: 13 Sep 2019 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	924167		
129	11.7	9.0	13.6	
127	14.8	11.4	17.2	





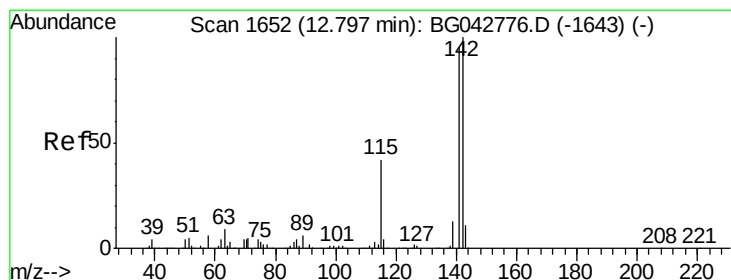
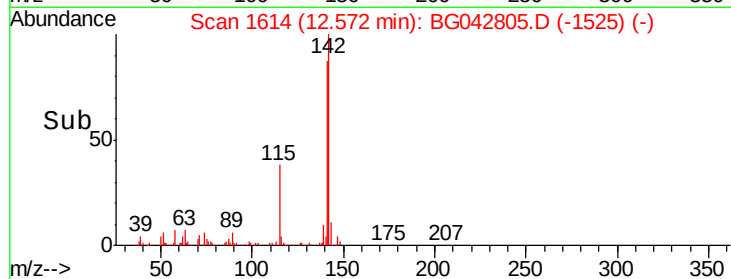
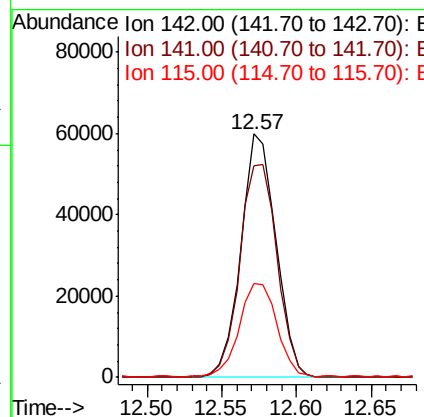
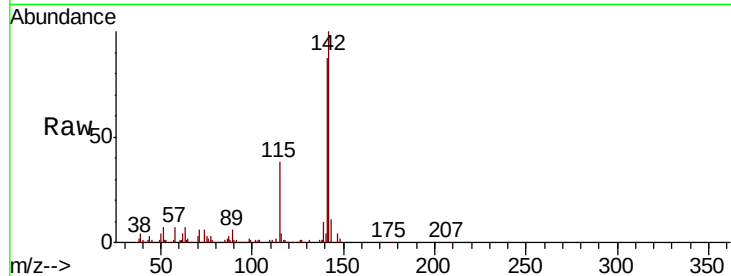
#37
2-Methylnaphthalene
Concen: 8.645 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG042805.D
Acq: 13 Sep 2019 7:03

Instrument :
BNA_G
ClientSampleId :
AOC-7(7)

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	73.8	110.8
115	38.5	33.0	49.4

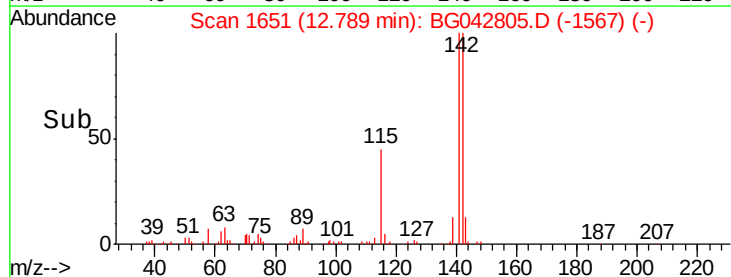
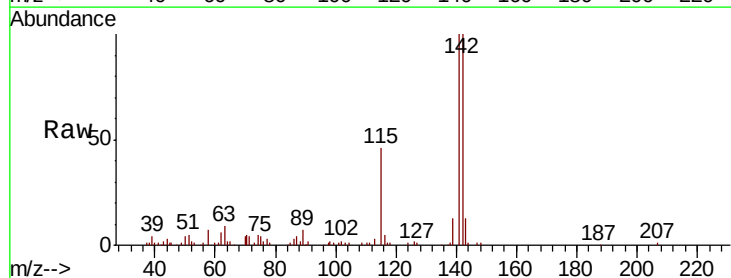
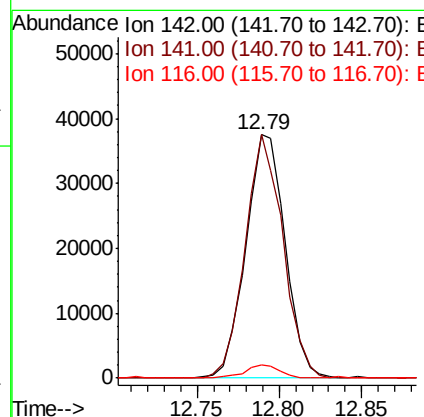
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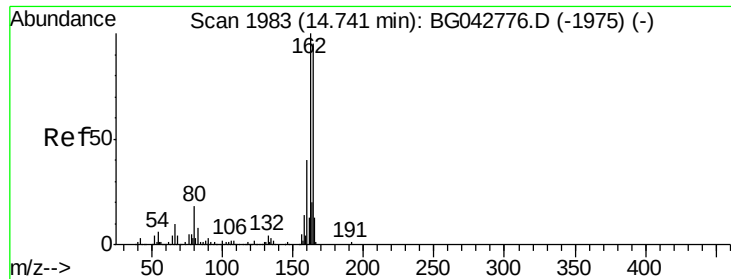
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#38
1-Methylnaphthalene
Concen: 5.913 ng m
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG042805.D
Acq: 13 Sep 2019 7:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	100.0	76.3	114.5
116	5.5	3.4	5.0#





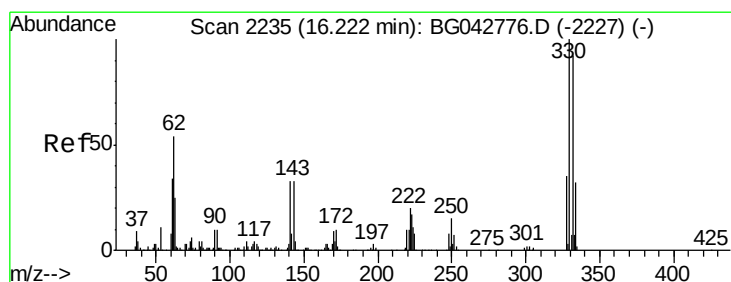
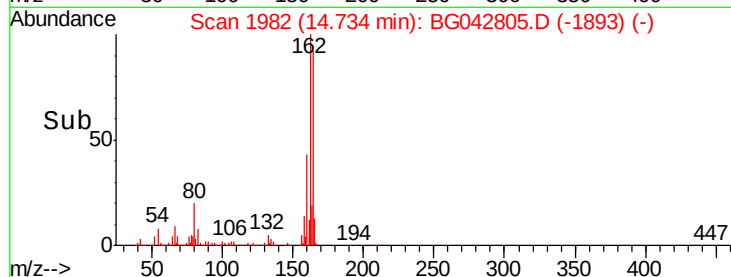
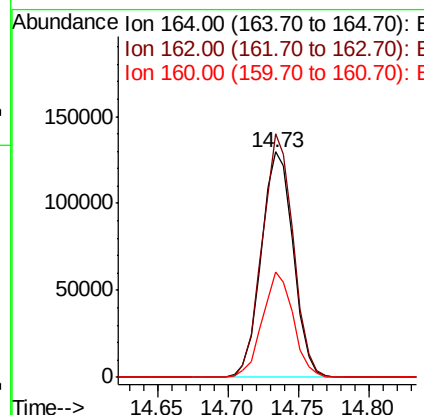
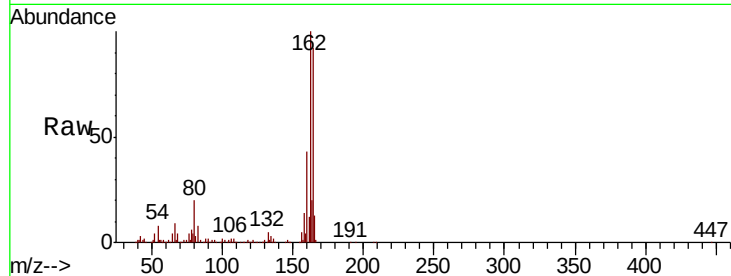
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042805.D
Acq: 13 Sep 2019 7:03

Instrument :
BNA_G
ClientSampleId :
AOC-7(7)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	108.1	84.6	126.8	
160	46.5	34.2	51.2	

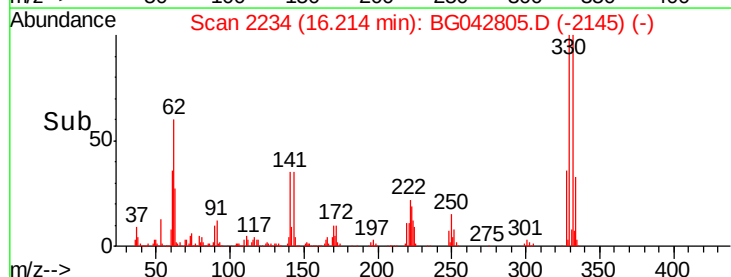
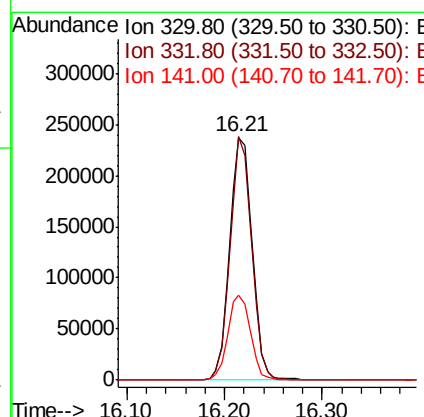
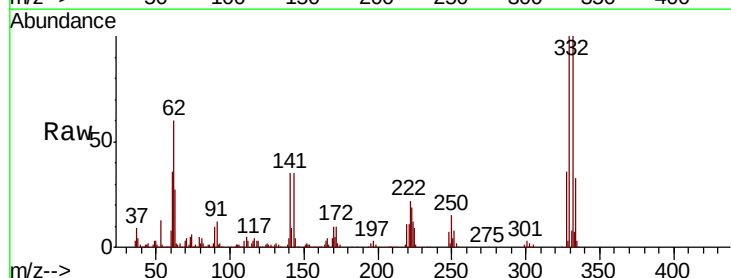
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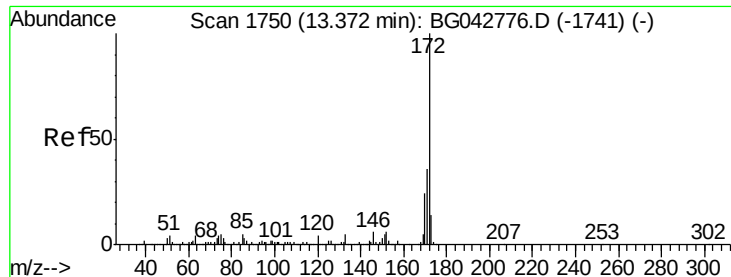
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#42
2,4,6-Tribromophenol
Concen: 138.457 ng
RT: 16.21 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG042805.D
Acq: 13 Sep 2019 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	76.7	115.1	
141	35.3	27.0	40.6	





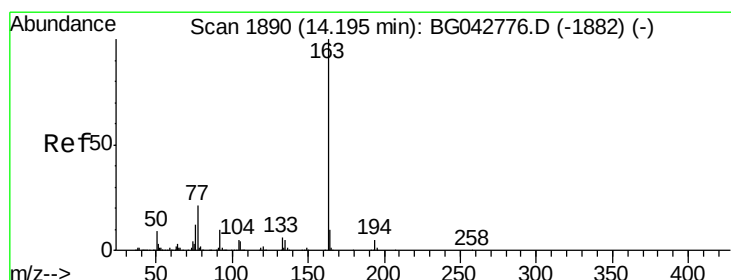
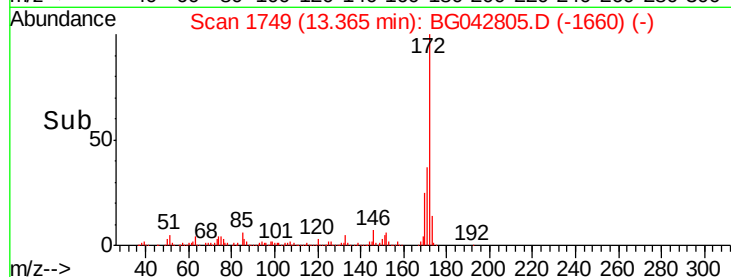
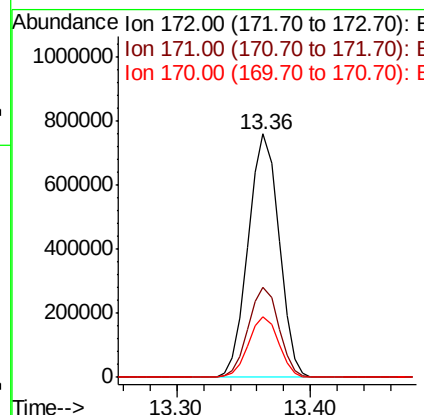
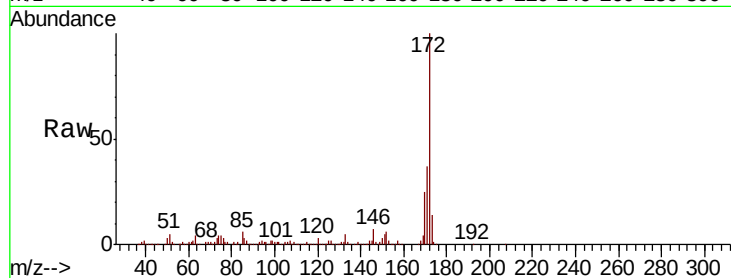
#45
2-Fluorobiphenyl
Concen: 92.728 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042805.D
Acq: 13 Sep 2019 7:03

Instrument :
BNA_G
ClientSampleId :
AOC-7(7)

Tot	Ion:172	Resp: 1208411	
Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.7	19.1	28.7

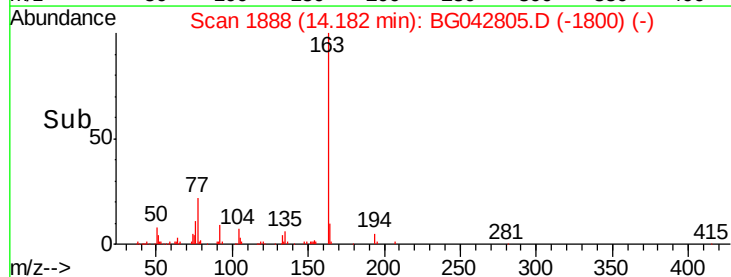
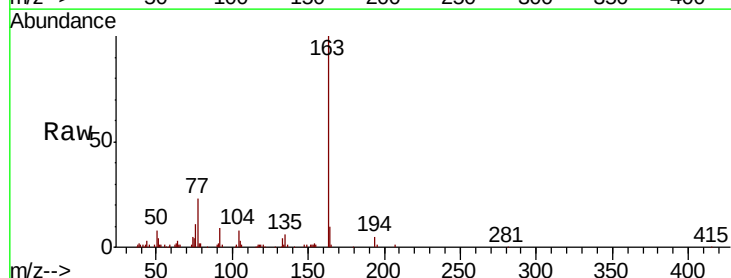
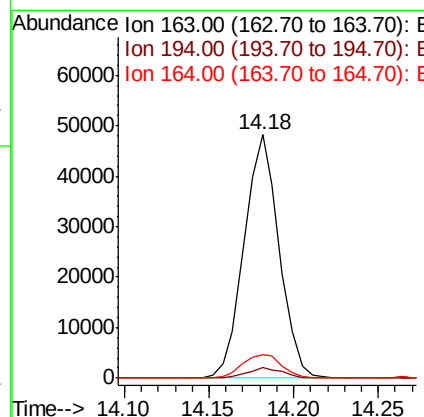
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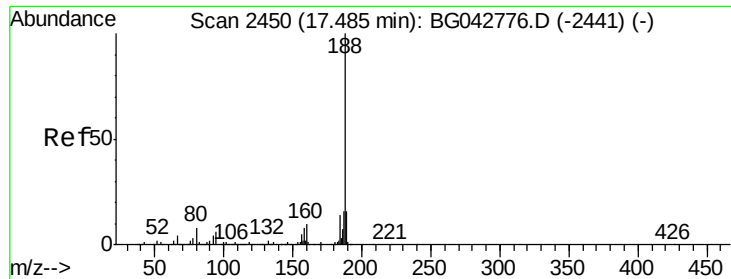
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#50
Dimethylphthalate
Concen: 4.492 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042805.D
Acq: 13 Sep 2019 7:03

Tgt Ion:163	Resp: 69422
Ion Ratio	Lower Upper
163 100	
194 4.6	4.2 6.4
164 9.7	8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042805.D

Acq: 13 Sep 2019 7:03

Instrument :

BNA_G

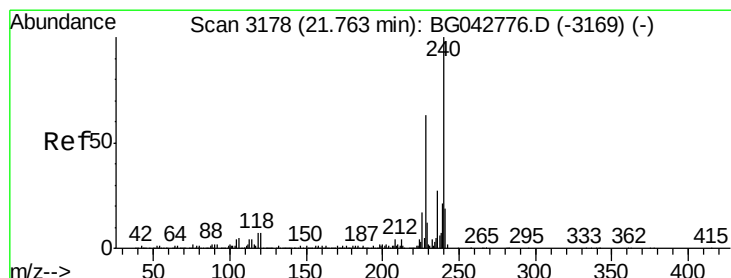
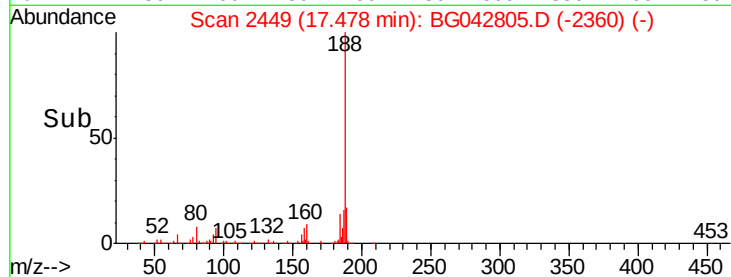
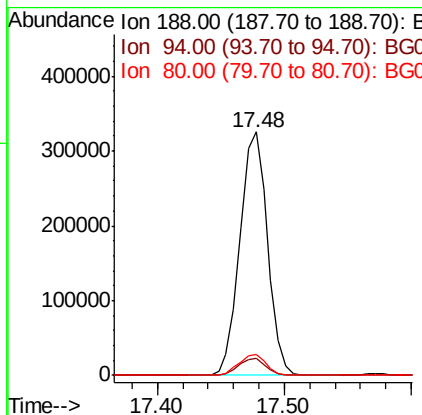
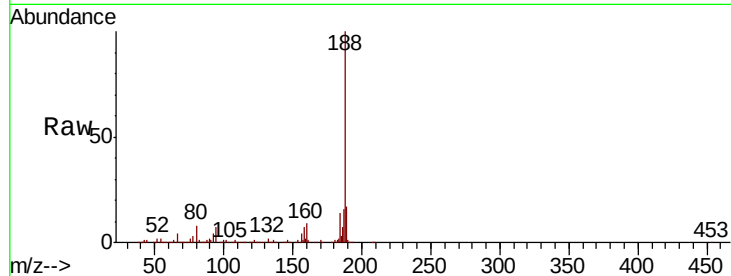
ClientSampleId :

AOC-7(7)

Tot Ion:	188	Resp:	489849
Ion Ratio	Lower	Upper	
188	100		
94	7.2	4.8	7.2
80	8.5	6.6	9.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

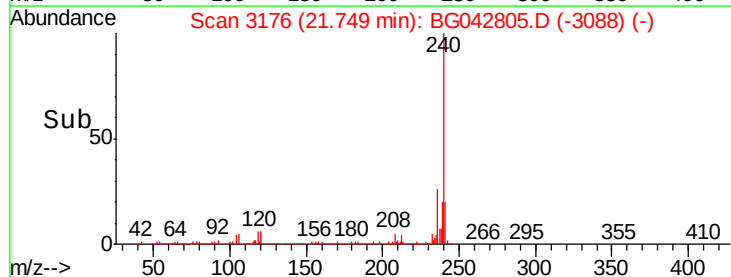
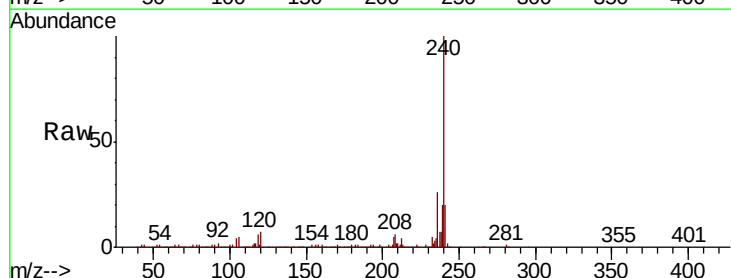
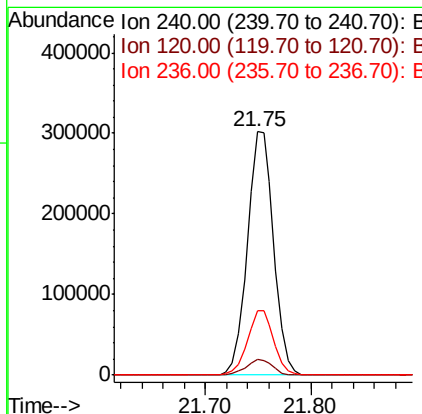
RT: 21.75 min Scan# 3176

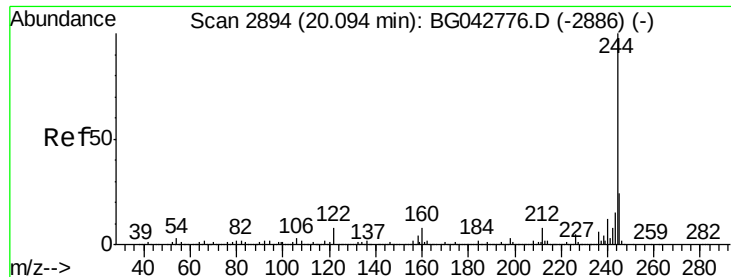
Delta R.T. -0.01 min

Lab File: BG042805.D

Acq: 13 Sep 2019 7:03

Tgt Ion:	240	Resp:	519560
Ion Ratio	Lower	Upper	
240	100		
120	6.6	5.4	8.2
236	26.4	21.7	32.5





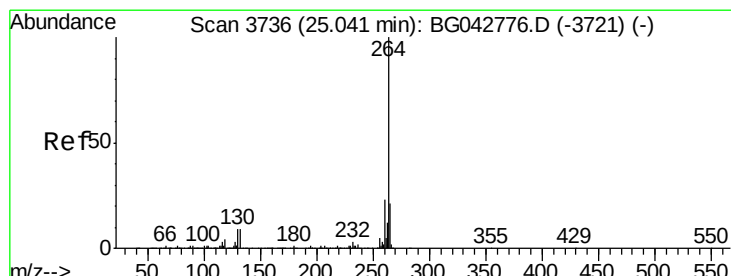
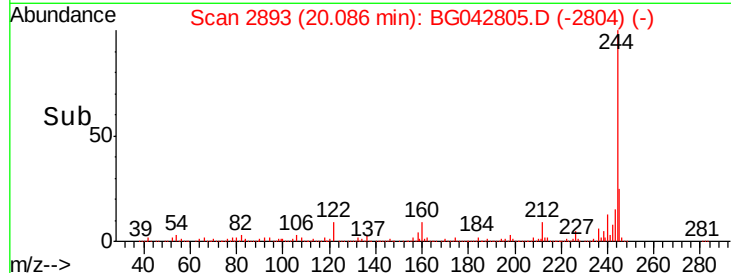
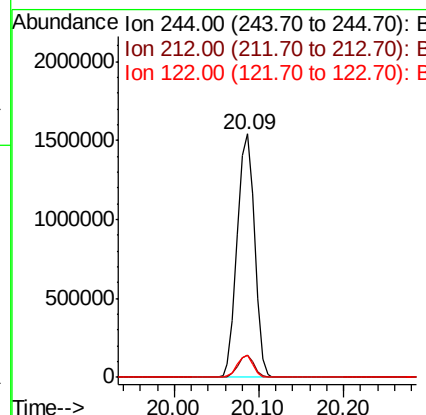
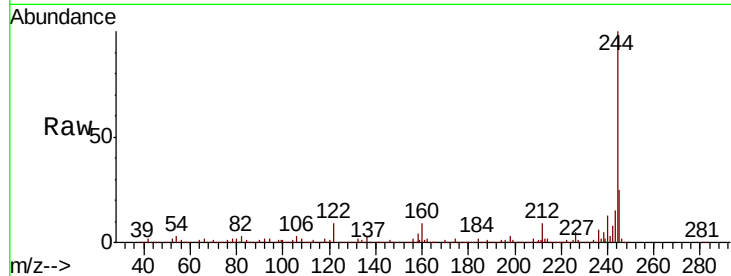
#79
 Terphenyl-d14
 Concen: 91.885 ng
 RT: 20.09 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BG042805.D
 Acq: 13 Sep 2019 7:03

Instrument :
 BNA_G
 ClientSampleId :
 AOC-7(7)

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.6	10.0
122	9.0	6.2	9.4

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:03:43 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3733
 Delta R.T. -0.02 min
 Lab File: BG042805.D
 Acq: 13 Sep 2019 7:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	20.8	16.9	25.3

