

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115398.D
 Acq On : 5 Jul 2019 19:27
 Operator : HP/JU
 Sample : K3550-02DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-1ADL

Manual Integrations
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mohammad
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Quant Time: Jul 08 05:19:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	154733	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	585918	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	260497	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	469324	20.00	ng	0.01
76) Chrysene-d12	14.05	240	395318	20.00	ng	-0.02
87) Perylene-d12	15.52	264	377475	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	131553	13.14	ng	-0.01
7) Phenol-d6	6.50	99	176730	13.88	ng	-0.02
23) Nitrobenzene-d5	7.45	82	125243	12.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	33761	11.72	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	197138	13.28	ng	0.00
79) Terphenyl-d14	13.00	244	184994	9.58	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.90	142	1141430	58.678	ng	99
38) 1-Methylnaphthalene	9.00	142	778401m	41.940	ng	
58) Fluorene	10.49	166	189950	10.606	ng	# 89
71) Phenanthrene	11.45	178	609335	24.687	ng	# 95

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

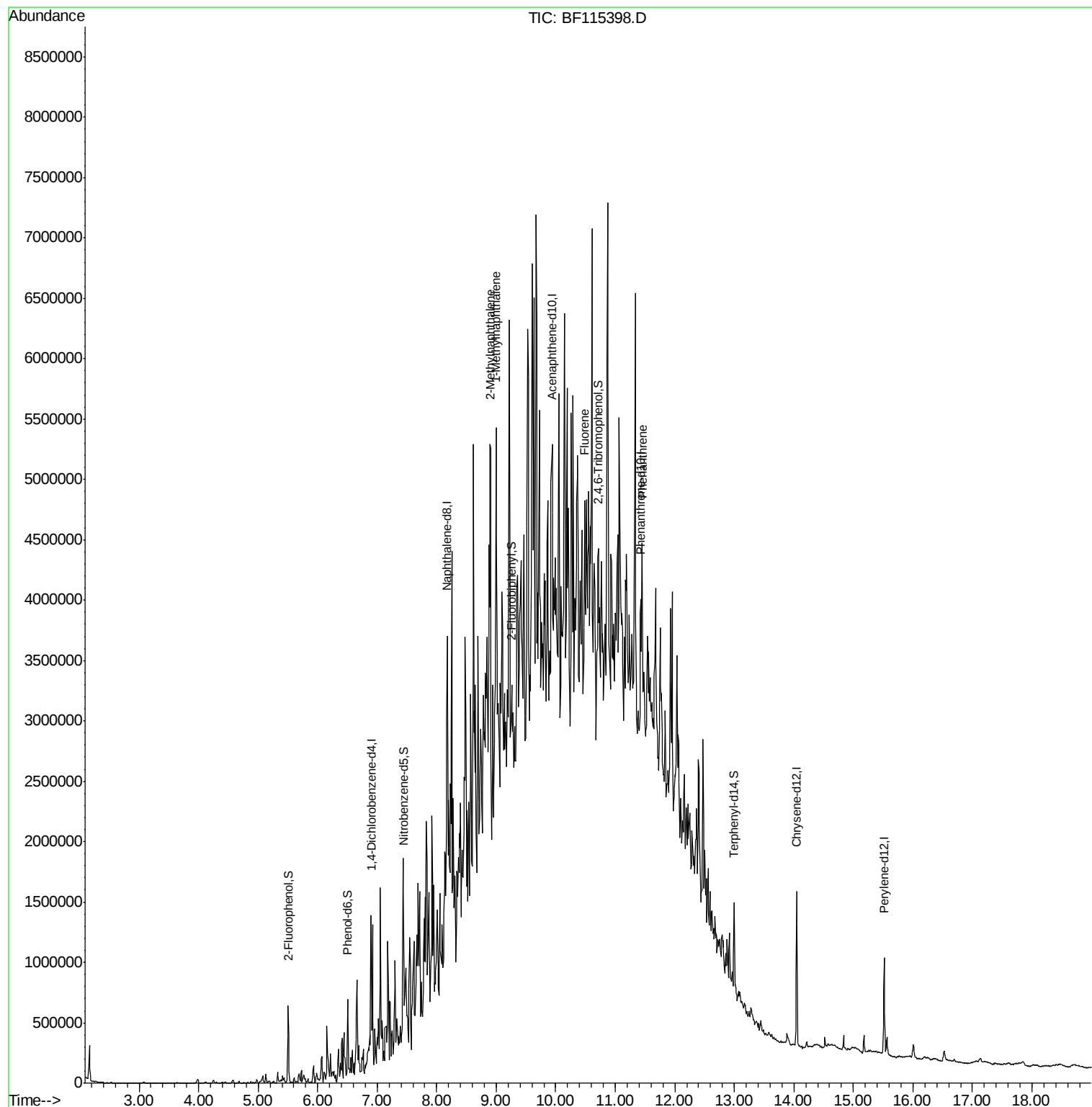
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115398.D
Acq On : 5 Jul 2019 19:27
Operator : HP/JU
Sample : K3550-02DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

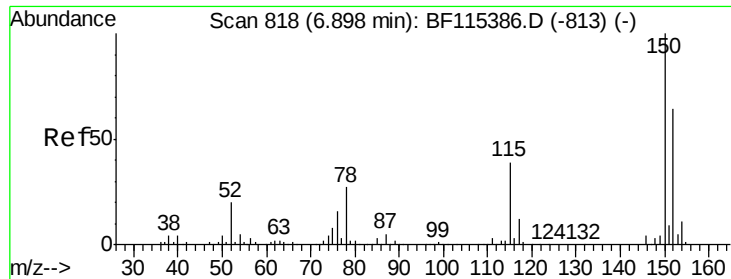
Instrument :
BNA_F
ClientSampleId :
PE-1ADL

Quant Time: Jul 08 05:19:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
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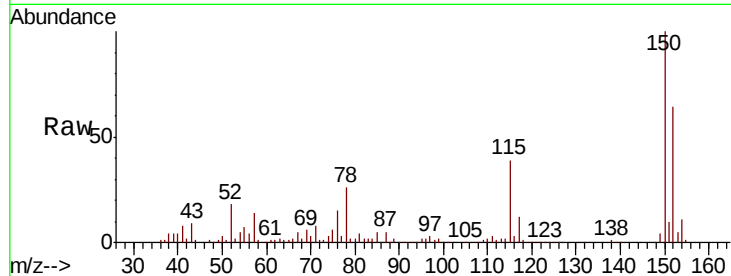
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF115398.D
 Acq: 5 Jul 2019 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PE-1ADL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.7	187.1
115	60.0	48.1	72.1

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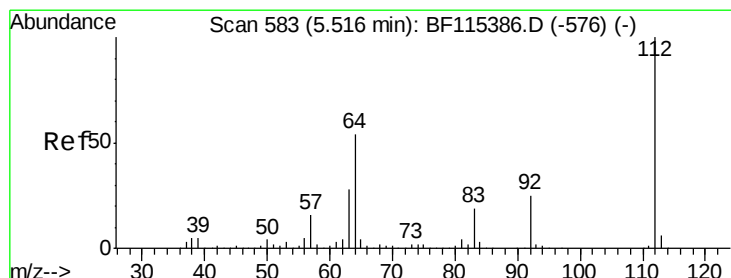
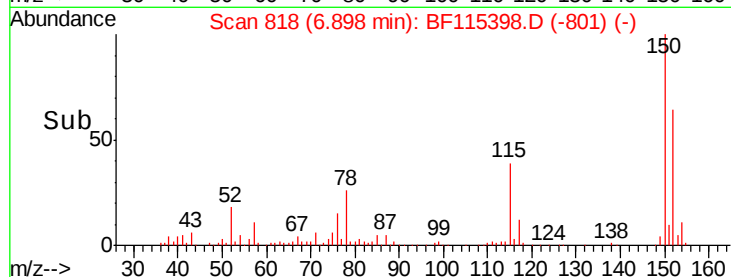
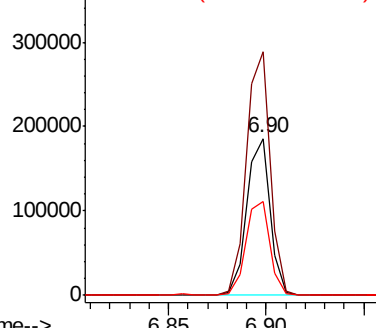


Abundance

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: 13.136 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF115398.D
 Acq: 5 Jul 2019 19:27

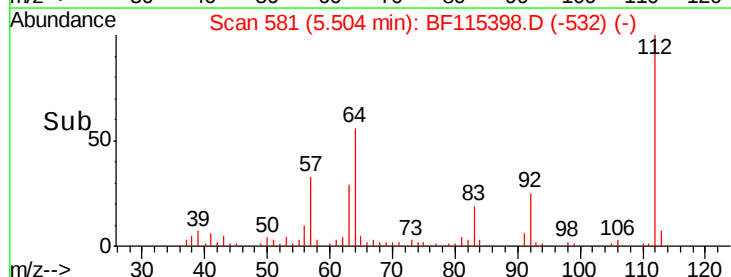
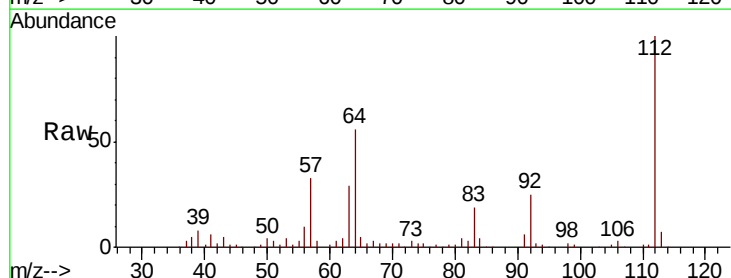
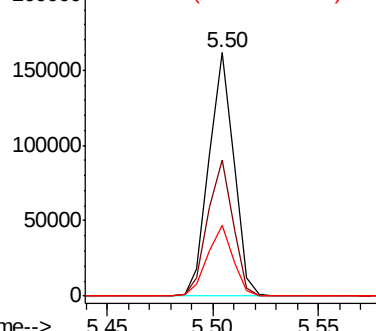
Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.0	64.6
63	29.3	22.2	33.2

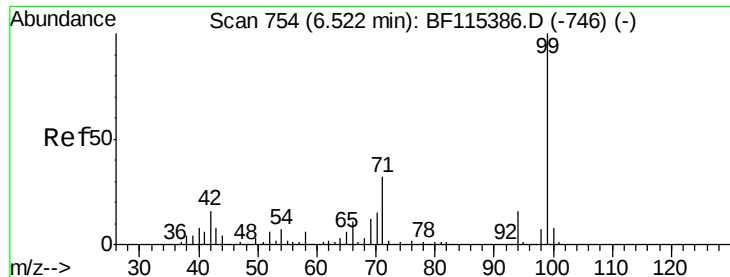
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 13.875 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF115398.D

Acq: 5 Jul 2019 19:27

Instrument :

BNA_F

ClientSampled :

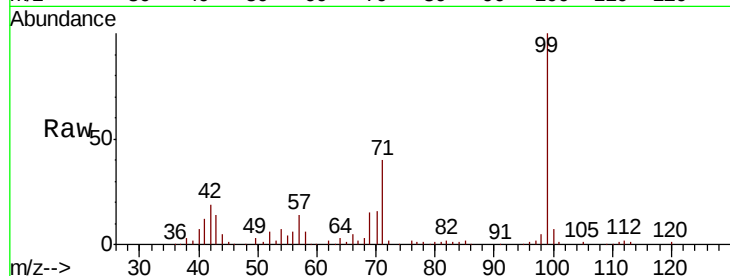
PE-1ADL

Tot Ion: 99 Resp: 176730

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.1	19.7
71	40.2	25.9	38.9#

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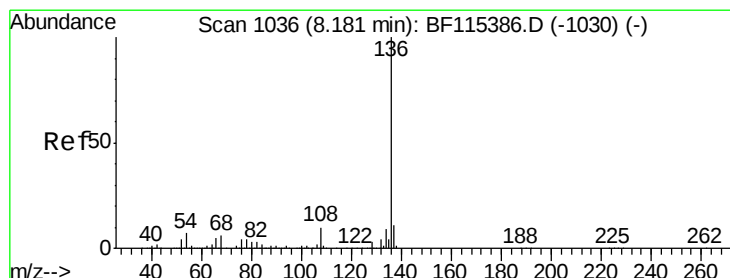
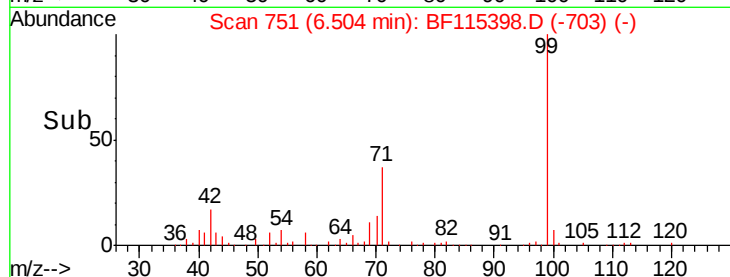
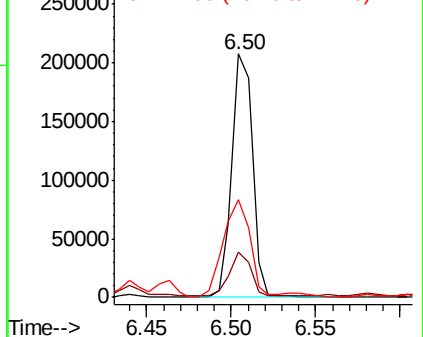


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF115398.D

Acq: 5 Jul 2019 19:27

Tgt Ion: 136 Resp: 585918

Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.9	13.3
54	8.6	5.6	8.4#
68	8.8	4.9	7.3#

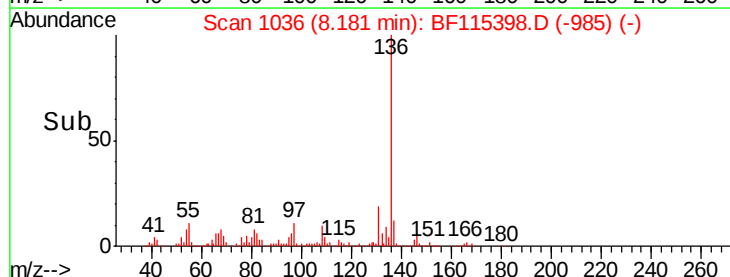
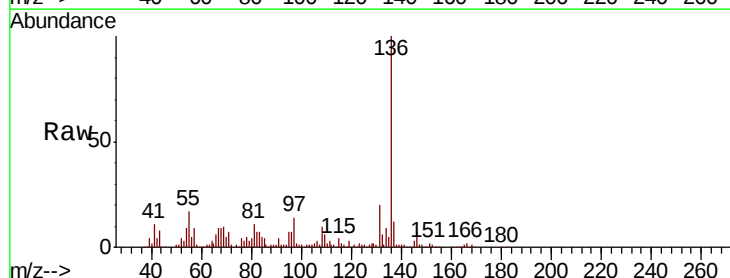
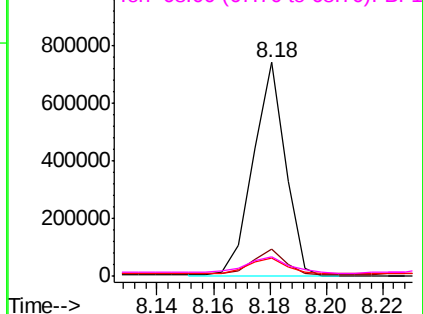
Abundance

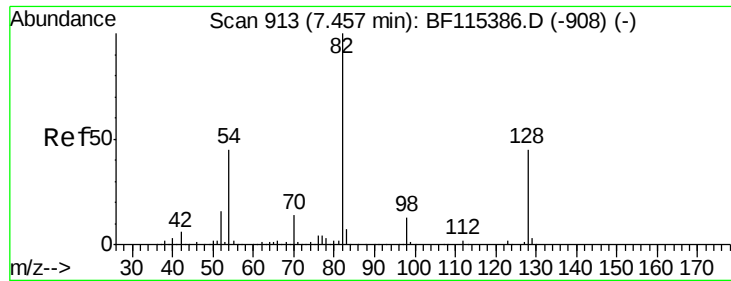
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





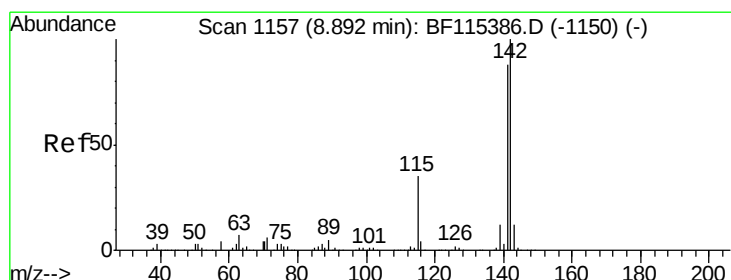
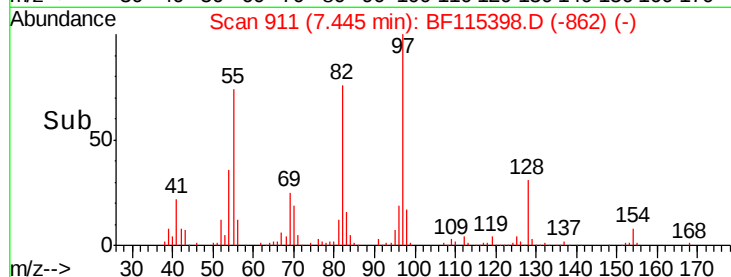
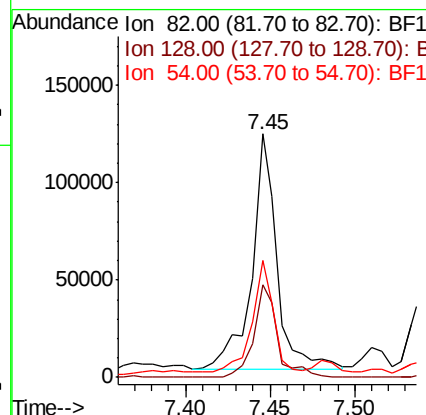
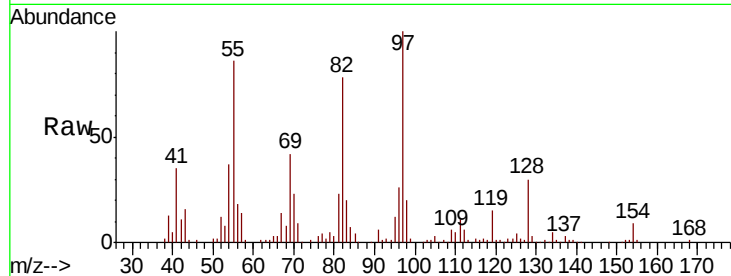
#23
Nitrobenzene-d5
Concen: 12.629 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115398.D
Acq: 5 Jul 2019 19:27

Instrument :
BNA_F
ClientSampleId :
PE-1ADL

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	35.7	53.5
54	47.8	36.3	54.5

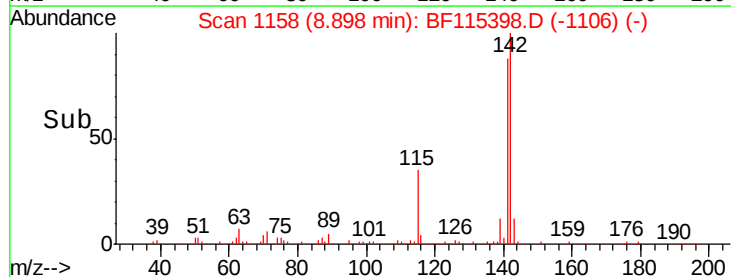
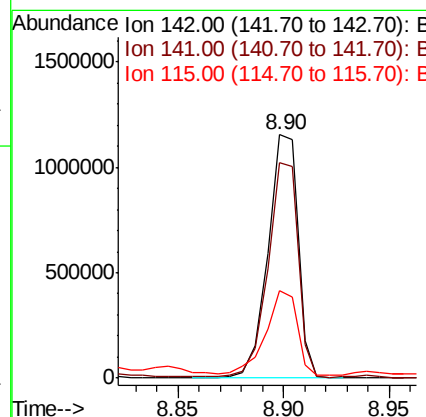
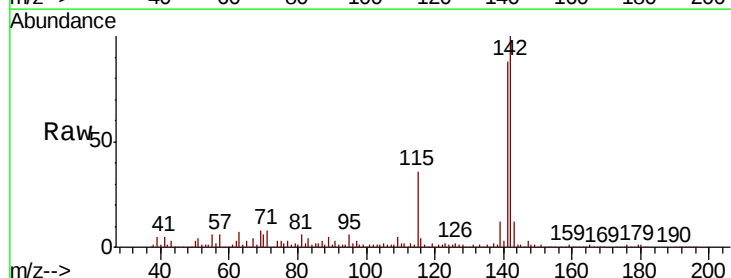
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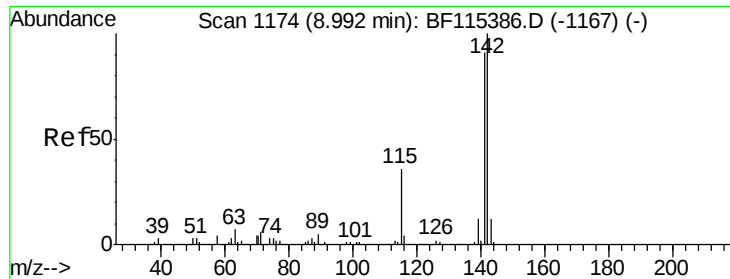
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#37
2-Methylnaphthalene
Concen: 58.678 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF115398.D
Acq: 5 Jul 2019 19:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.6	106.0
115	35.9	27.8	41.8





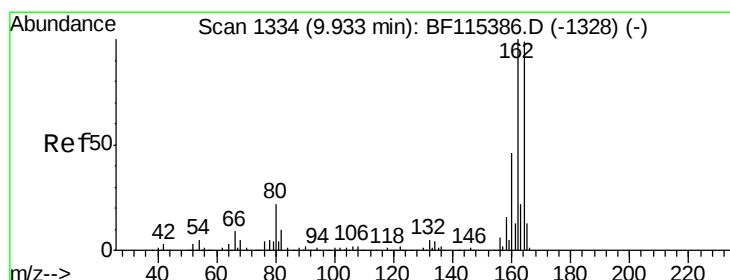
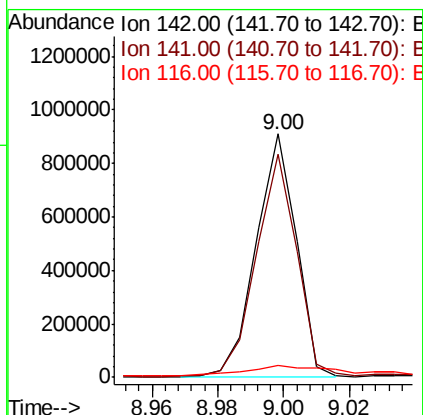
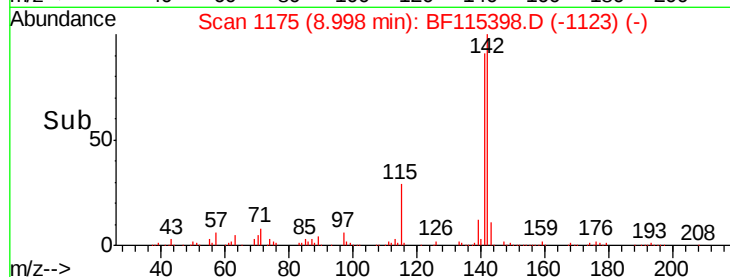
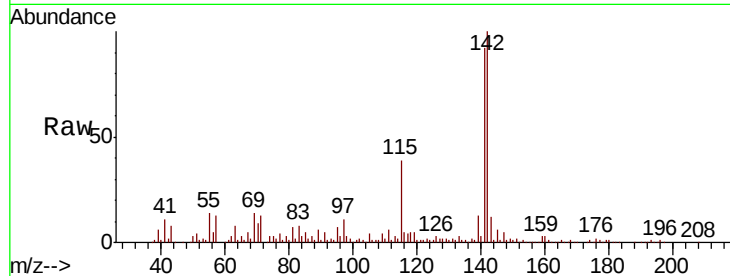
#38
1-Methylnaphthalene
Concen: 41.940 ng m
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF115398.D
Acq: 5 Jul 2019 19:27

Instrument :
BNA_F
ClientSampleId :
PE-1ADL

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.7	109.1
116	4.7	3.0	4.4#

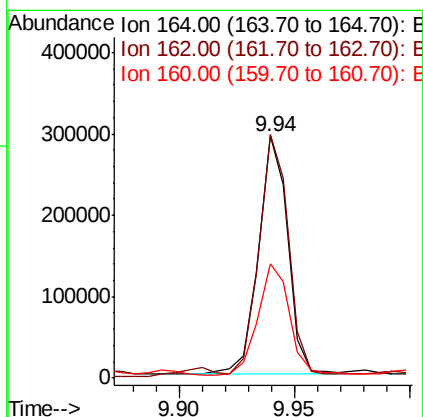
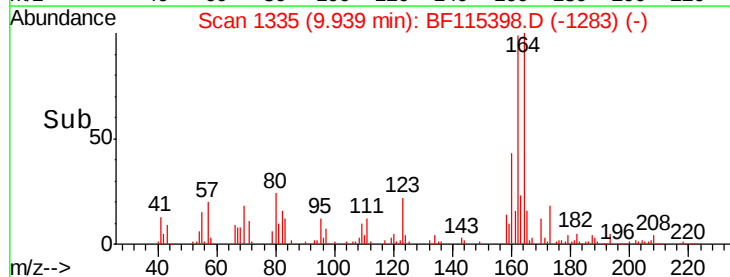
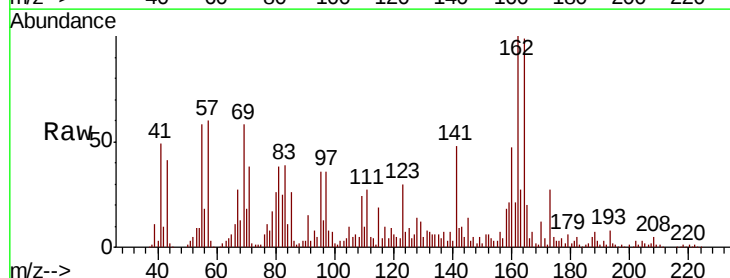
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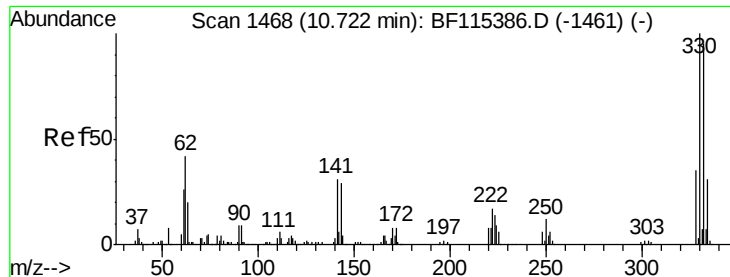
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF115398.D
Acq: 5 Jul 2019 19:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	121.0
160	47.2	37.0	55.6





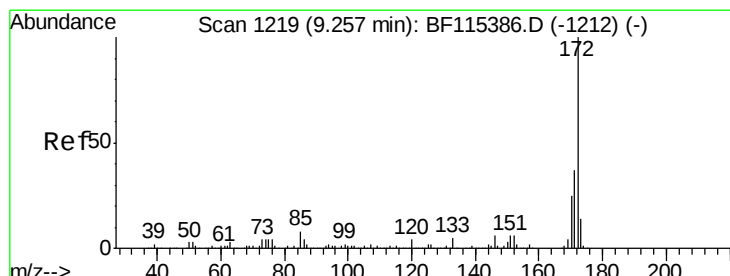
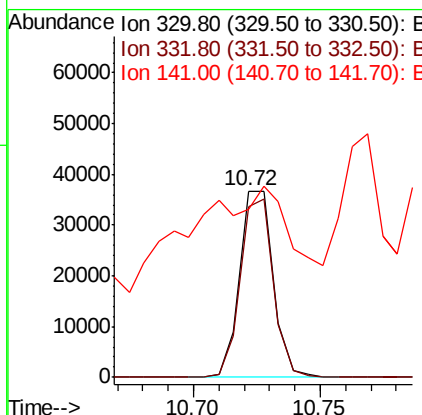
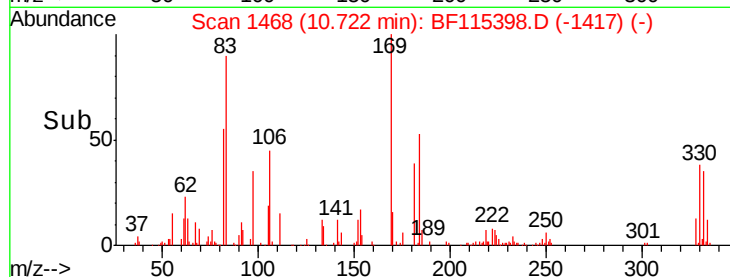
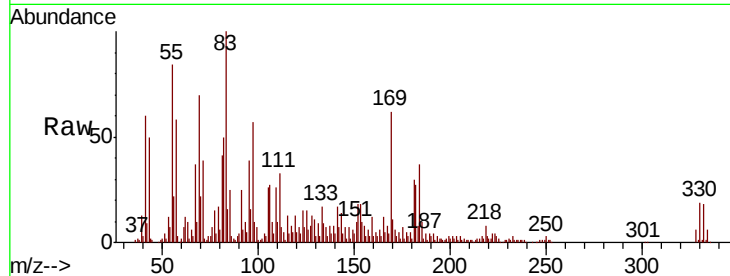
#42
 2,4,6-Tribromophenol
 Concen: 11.722 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF115398.D
 Acq: 5 Jul 2019 19:27

Instrument :
 BNA_F
 ClientSampled :
 PE-1ADL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.3	114.5
141	171.5	27.0	40.4

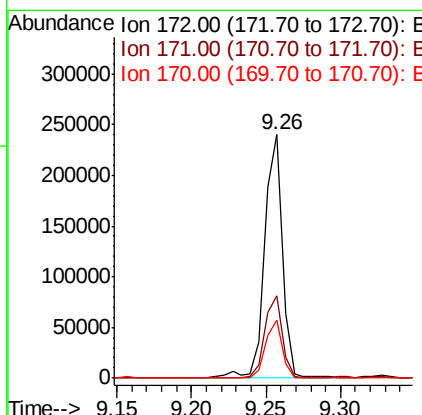
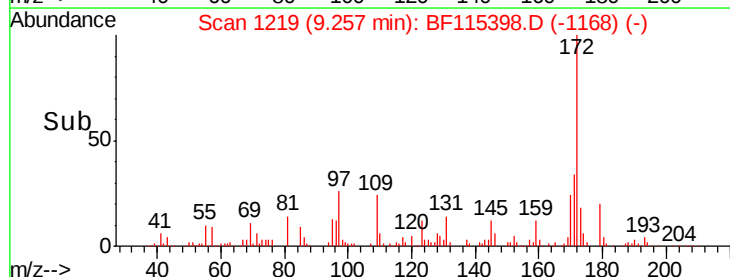
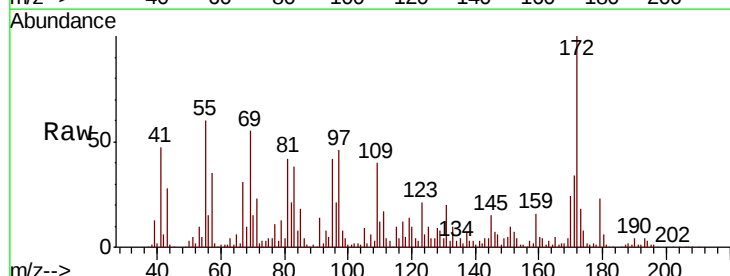
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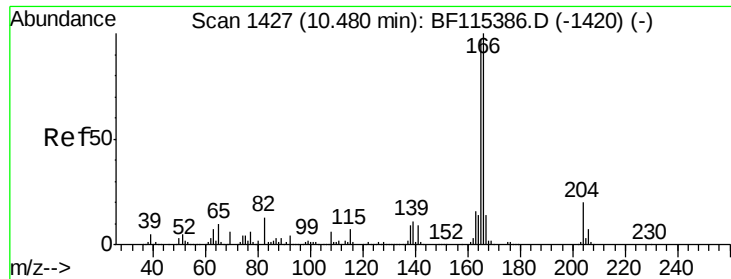
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#45
 2-Fluorobiphenyl
 Concen: 13.280 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF115398.D
 Acq: 5 Jul 2019 19:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.8	44.8
170	23.6	20.2	30.4





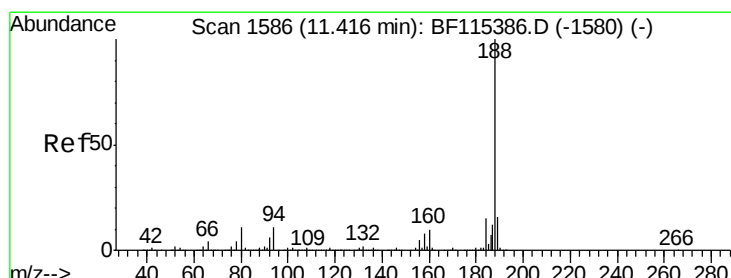
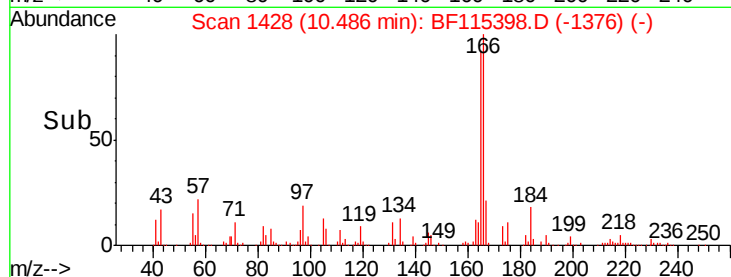
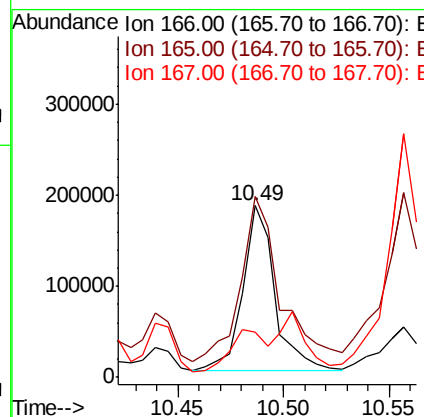
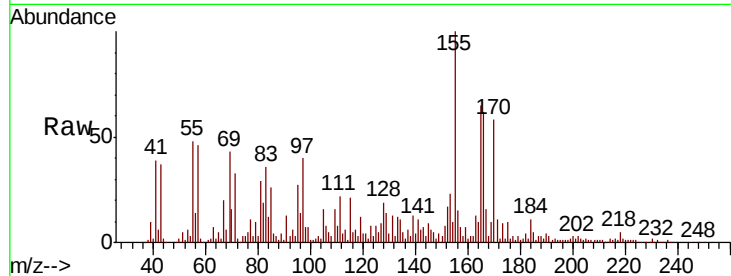
#58
 Fluorene
 Concen: 10.606 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF115398.D
 Acq: 5 Jul 2019 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PE-1ADL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	105.2	77.8	116.6		
167	26.4	11.0	16.6#		

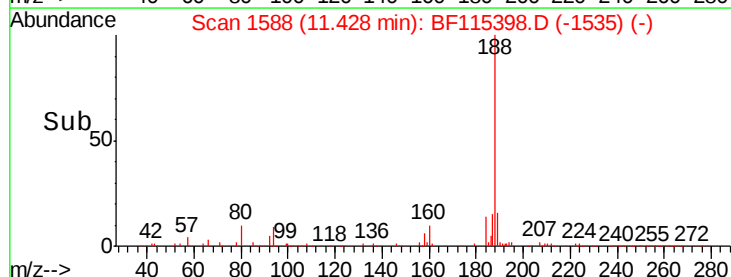
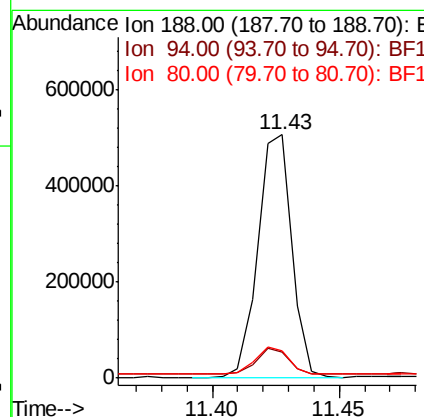
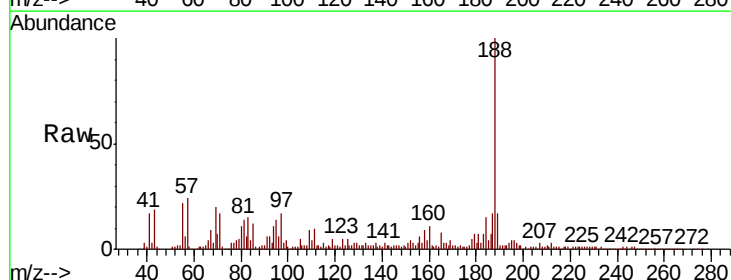
Manual Integrations
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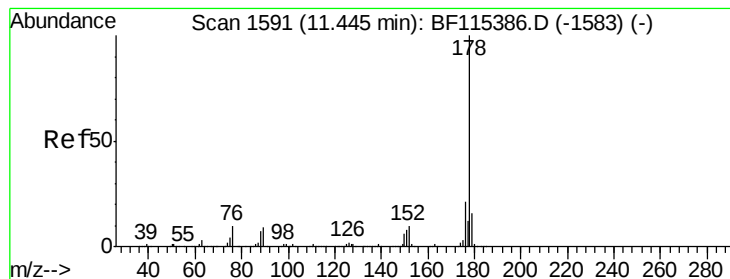
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF115398.D
 Acq: 5 Jul 2019 19:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.7	8.5	12.7		
80	11.4	9.1	13.7		





#71

Phenanthrene

Concen: 24.687 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF115398.D

Acq: 5 Jul 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PE-1ADL

Tot Ion:178 Resp: 609335

Ion Ratio Lower Upper

178 100

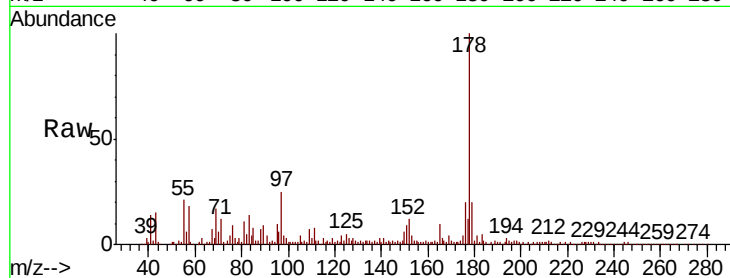
176 19.7 16.6 25.0

179 19.9 13.0 19.6#

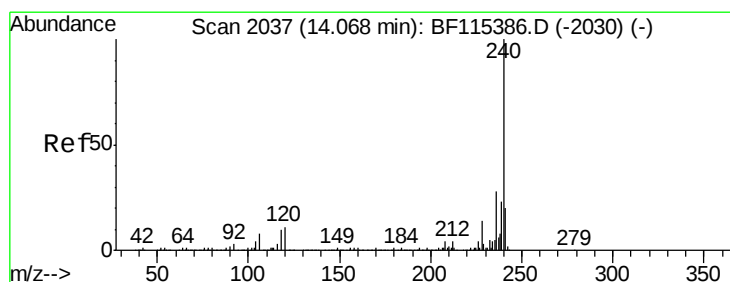
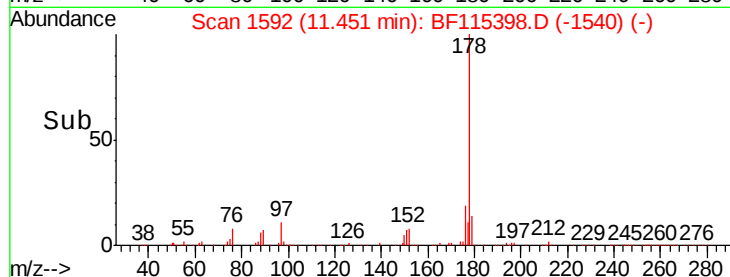
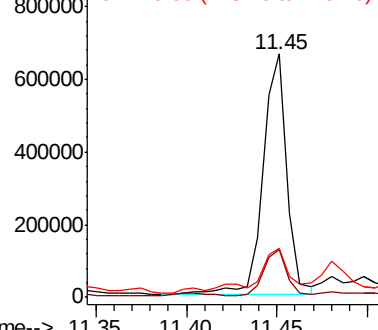
Manual Integrations
APPROVED

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF115398.D

Acq: 5 Jul 2019 19:27

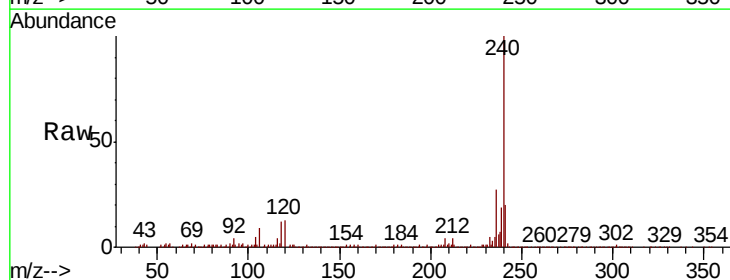
Tgt Ion:240 Resp: 395318

Ion Ratio Lower Upper

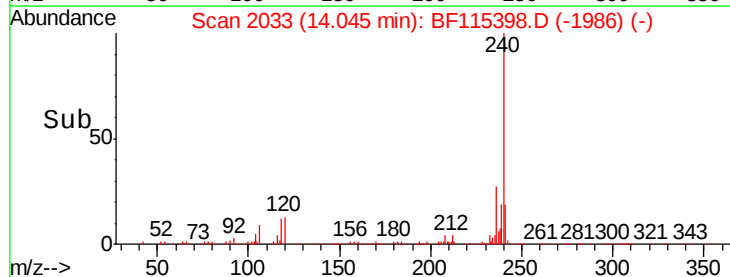
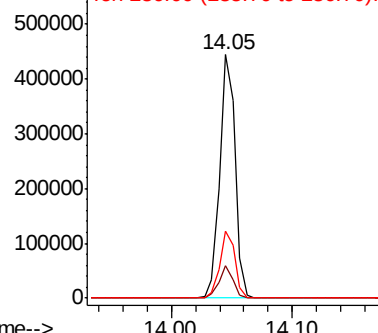
240 100

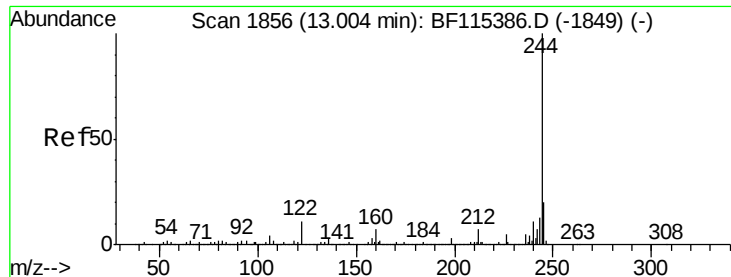
120 13.1 9.1 13.7

236 27.4 22.5 33.7



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





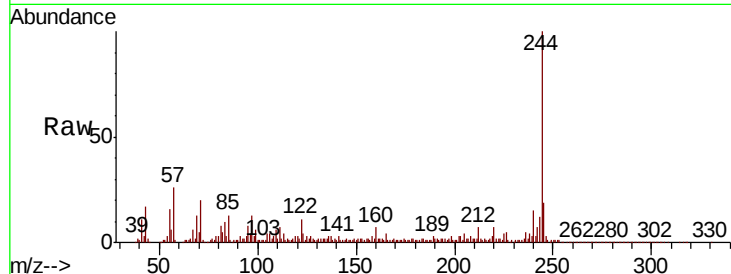
#79
 Terphenyl-d14
 Concen: 9.582 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF115398.D
 Acq: 5 Jul 2019 19:27

Instrument :
 BNA_F
 ClientSampled :
 PE-1ADL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	10.9	9.1	13.7

Manual Integrations
 APPROVED

mohammad
 7/8/2019 2:13:12 PM

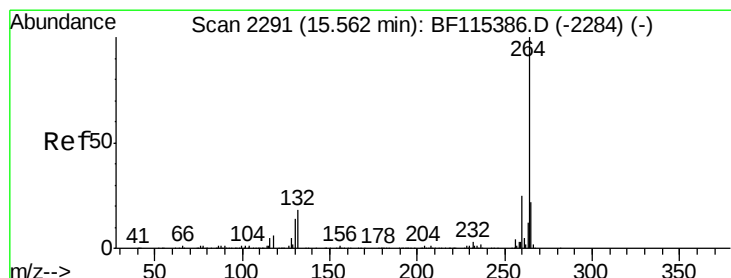
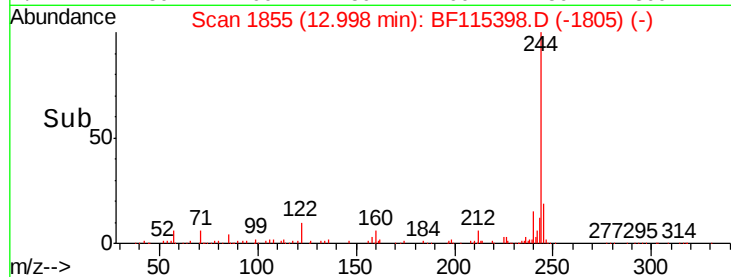
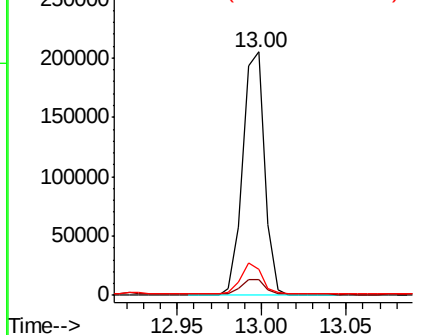


Abundance

Ion 244.00 (243.70 to 244.70): E

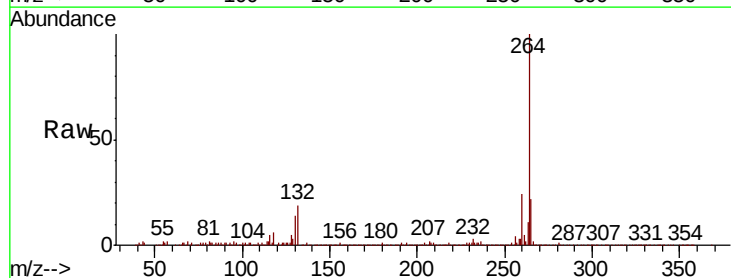
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.05 min
 Lab File: BF115398.D
 Acq: 5 Jul 2019 19:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	21.6	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

