

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117060.D
 Acq On : 16 Sep 2019 13:58
 Operator : HP/JU
 Sample : K4871-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11

Manual Integrations
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 9/17/2019 1:25:30 PM

Quant Time: Sep 17 05:50:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	55801	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	225016	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	117951	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	185503	20.00	ng	0.00
76) Chrysene-d12	13.97	240	118286	20.00	ng	0.00
87) Perylene-d12	15.42	264	119786	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	177353	49.62	ng	0.00
7) Phenol-d6	6.46	99	150157	32.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	347967	81.25	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	116571	118.25	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	606918	80.45	ng	0.00
79) Terphenyl-d14	12.92	244	493029	77.91	ng	0.00
Target Compounds						
10) Phenol	6.47	94	29278	5.750	ng	95
32) Benzoic acid	7.84	122	5360m	8.719	ng	
50) Dimethylphthalate	9.56	163	51974	6.223	ng	# 99

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

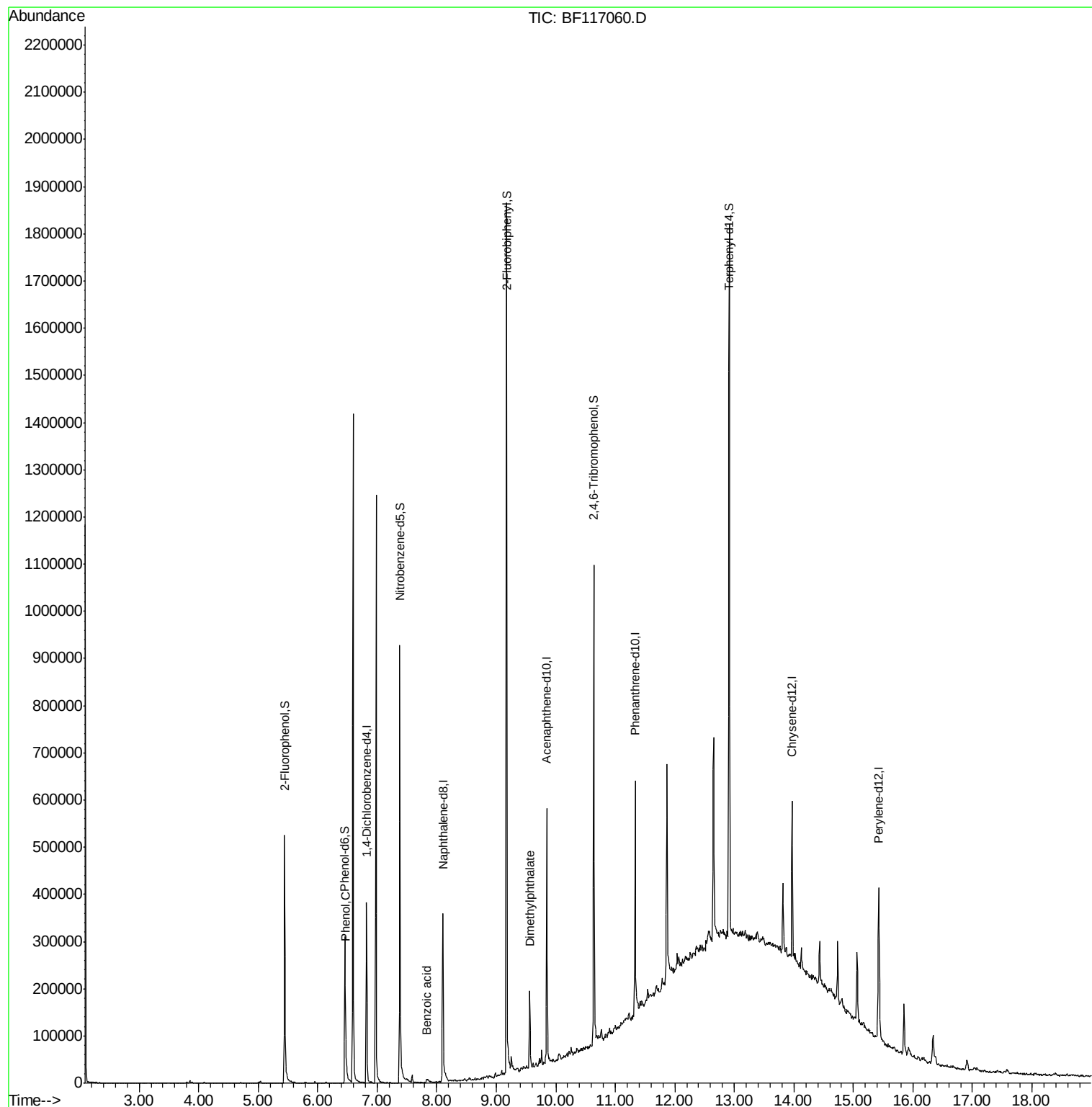
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117060.D
Acq On : 16 Sep 2019 13:58
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Sample : K4871-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

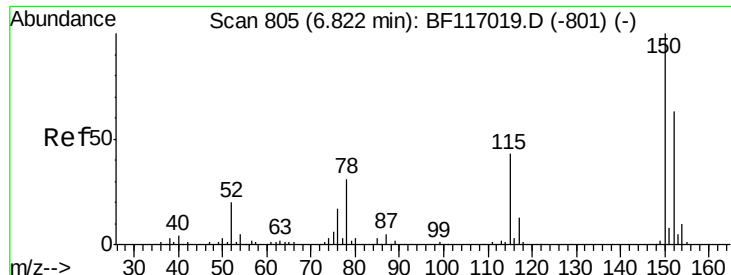
Instrument :
BNA_F
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#1

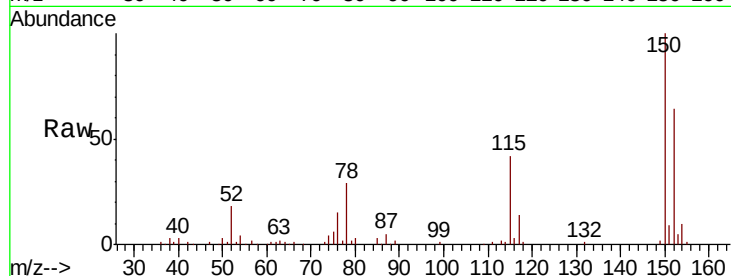
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117060.D
Acq: 16 Sep 2019 13:58

Instrument :
BNA_F
ClientSampled :
VE-4-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.5	191.3
115	65.7	55.0	82.4

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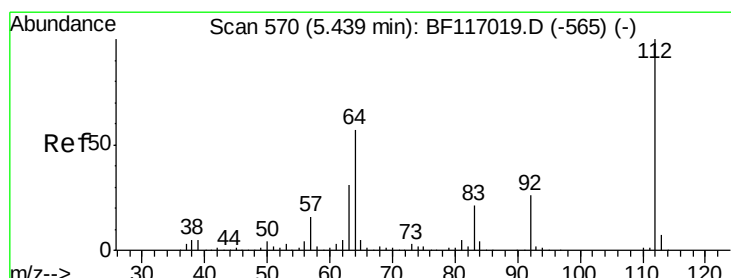
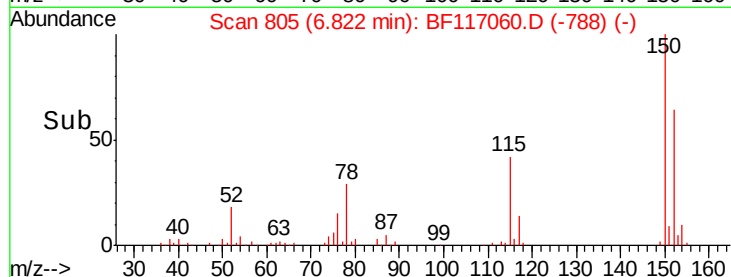
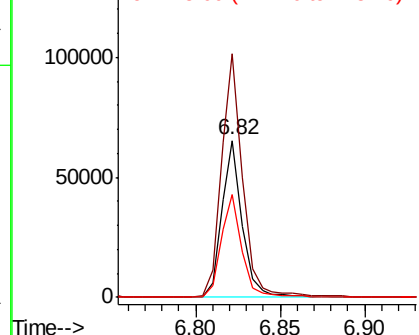


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

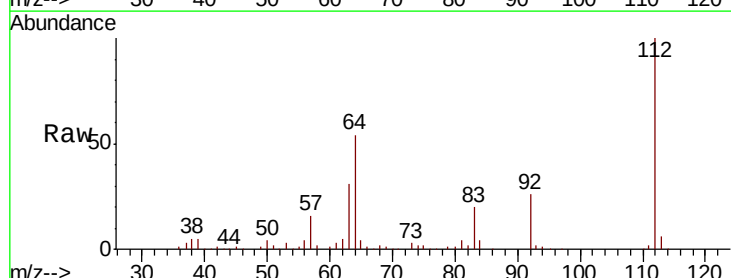
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.621 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117060.D
Acq: 16 Sep 2019 13:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	45.7	68.5
63	30.9	24.9	37.3

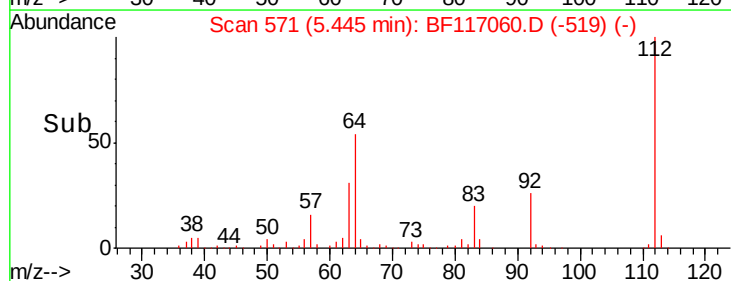
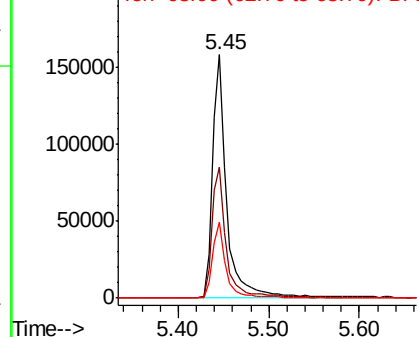


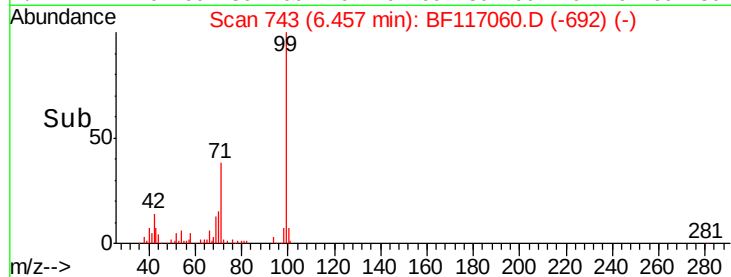
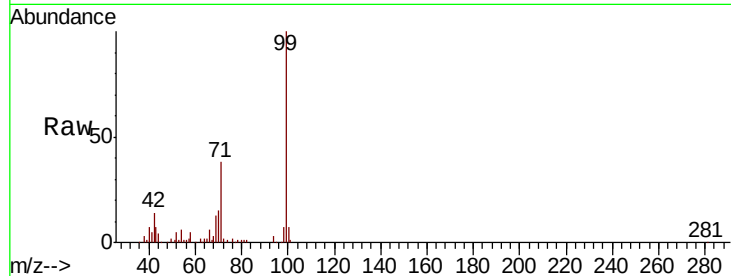
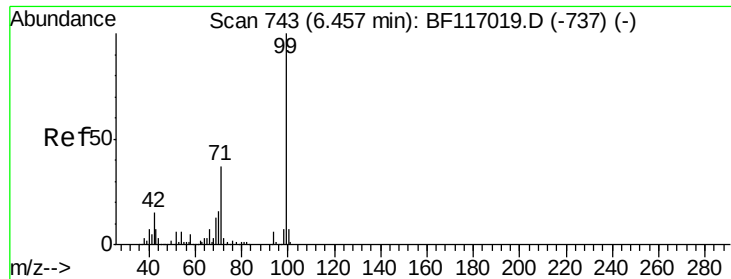
Abundance

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: 32.508 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117060.D

Acq: 16 Sep 2019 13:58

Tot Ion:	99	Resp:	150157
Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.2	18.2
71	37.6	29.8	44.8

Instrument :

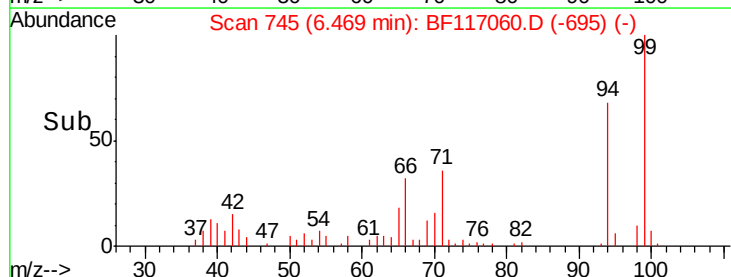
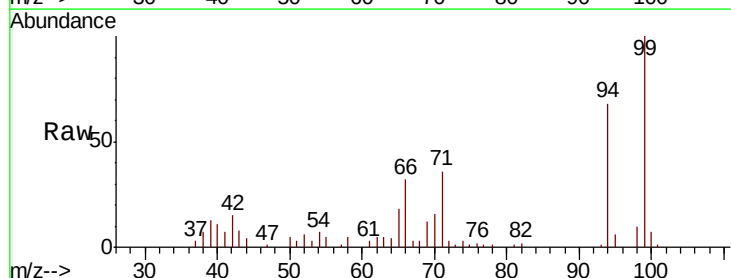
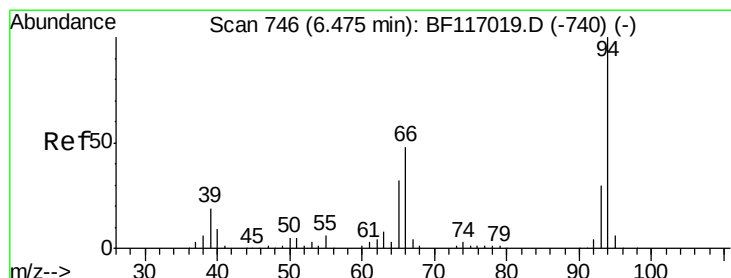
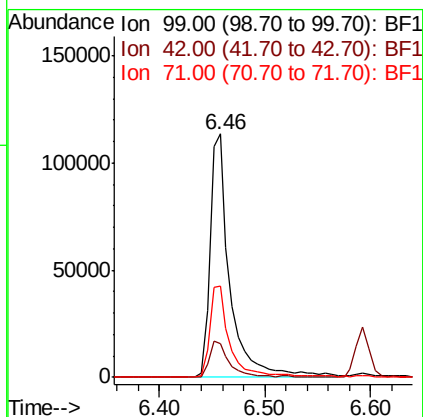
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ClientSampleId :

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#10

Phenol

Concen: 5.750 ng

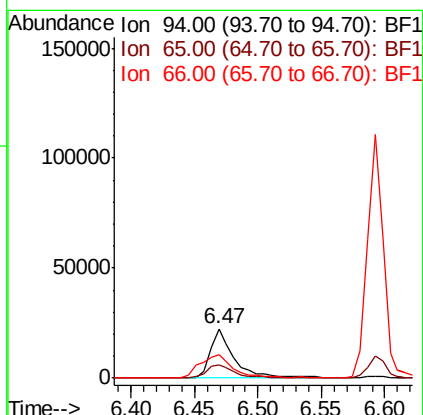
RT: 6.47 min Scan# 745

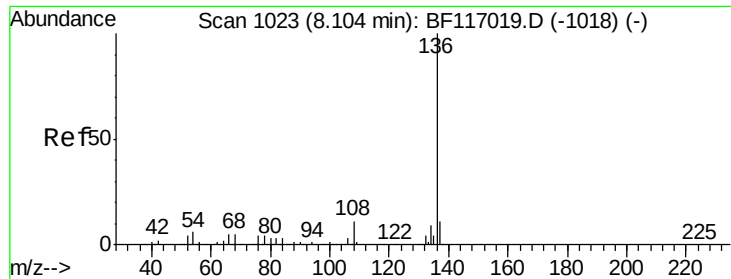
Delta R.T. -0.01 min

Lab File: BF117060.D

Acq: 16 Sep 2019 13:58

Tgt Ion:	94	Resp:	29278
Ion	Ratio	Lower	Upper
94	100		
65	27.2	12.5	52.5
66	47.5	28.9	68.9





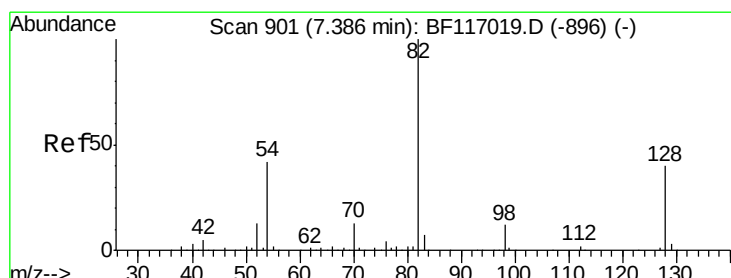
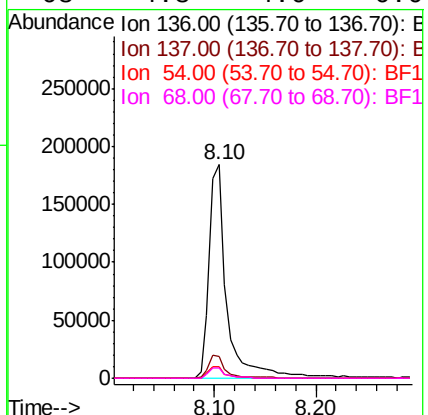
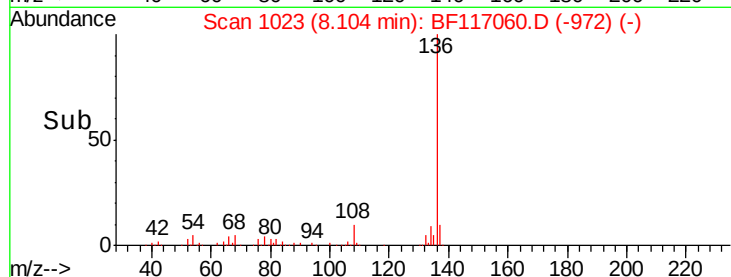
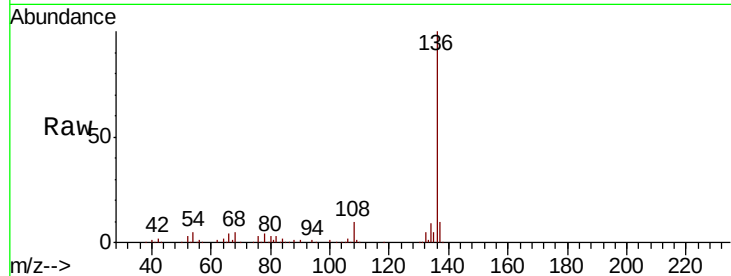
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117060.D
Acq: 16 Sep 2019 13:58

Instrument :
BNA_F
ClientSampleId :
VE-4-11

Tot Ion	Ratio	Resp	Lower	Upper
136	100	225016		
137	10.2		9.0	13.4
54	5.2		4.5	6.7
68	4.8		4.0	6.0

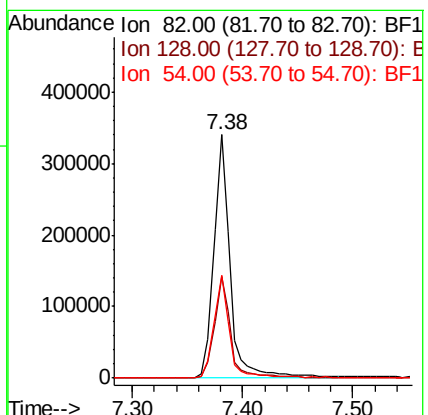
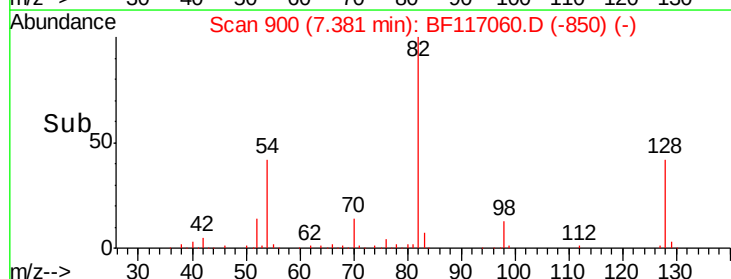
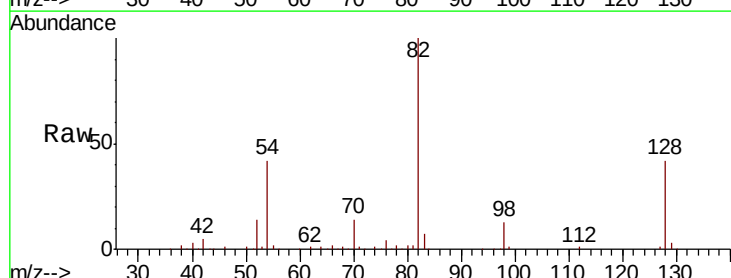
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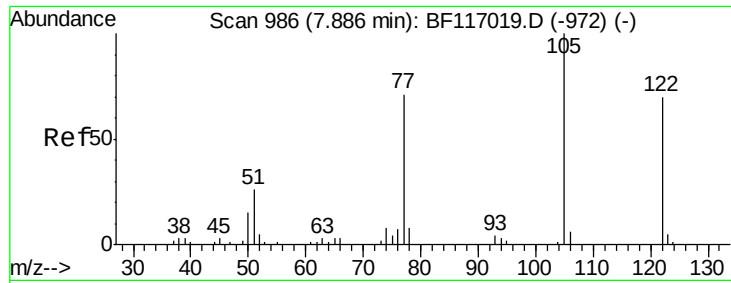
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#23
Nitrobenzene-d5
Concen: 81.252 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117060.D
Acq: 16 Sep 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	347967		
128	41.7		32.3	48.5
54	42.0		33.3	49.9





#32

Benzoic acid

Concen: 8.719 ng/mL

RT: 7.84 min Scan# 978

Delta R.T. -0.05 min

Lab File: BF117060.D

Acq: 16 Sep 2019 13:58

Instrument :

BNA_F

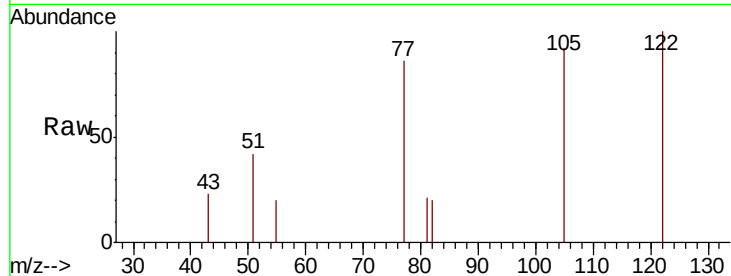
ClientSampled :

VE-4-11

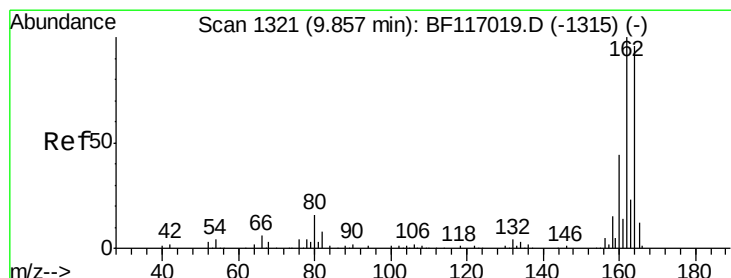
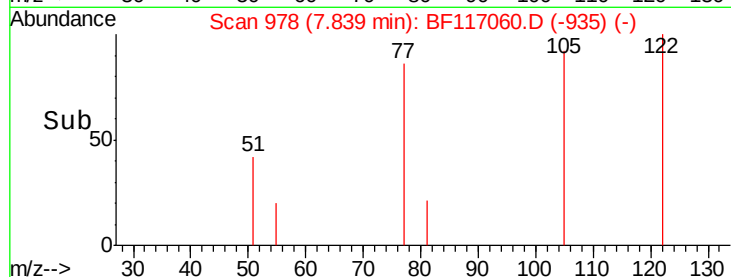
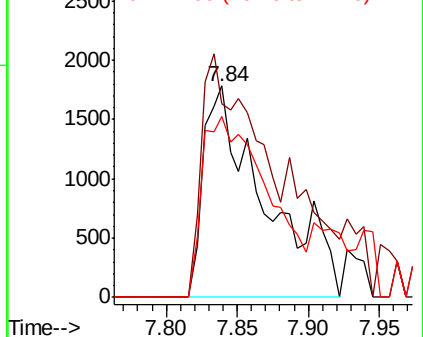
Tot Ion:	122	Resp:	5360
Ion Ratio	Lower	Upper	
122	100		
105	92.0	114.8	154.8#
77	85.5	78.7	118.7

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

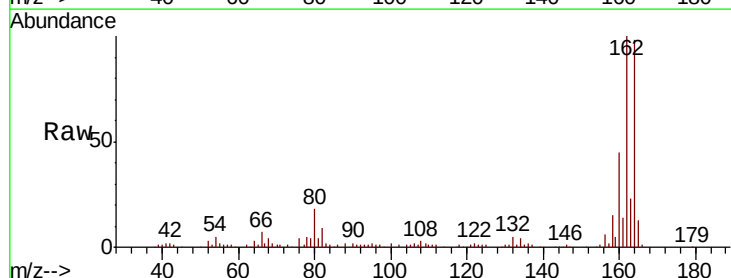
RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

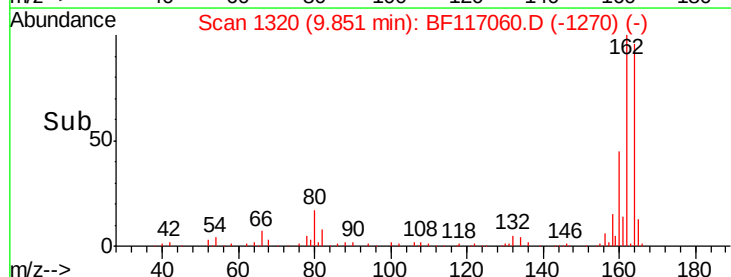
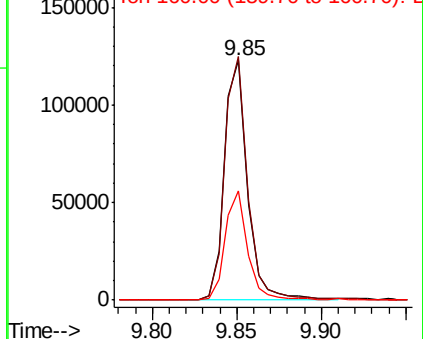
Lab File: BF117060.D

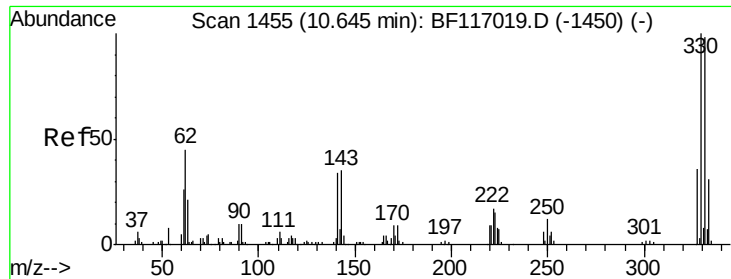
Acq: 16 Sep 2019 13:58

Tgt Ion:	164	Resp:	117951
Ion Ratio	Lower	Upper	
164	100		
162	101.6	83.4	125.2
160	45.6	36.4	54.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





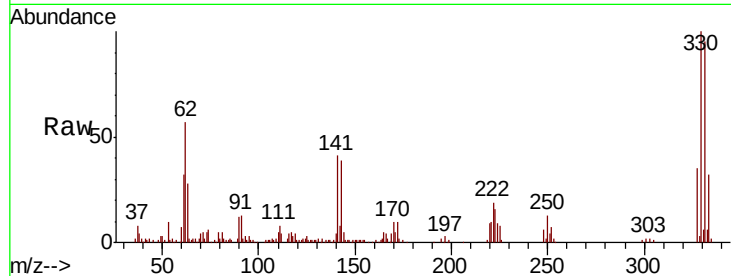
#42
 2,4,6-Tribromophenol
 Concen: 118.250 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117060.D
 Acq: 16 Sep 2019 13:58

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11

Tot Ion	Ratio	Resp	Lower	Upper
330	100	116571		
332	96.2	78.0	117.0	
141	49.4	35.8	53.6	

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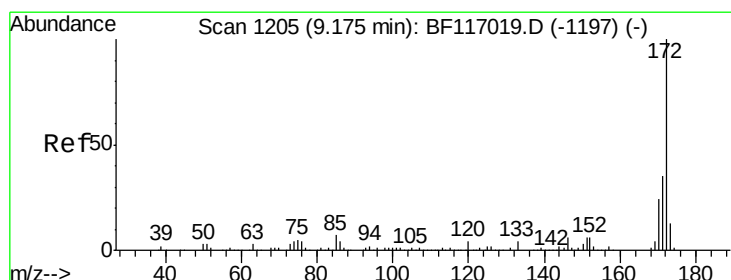
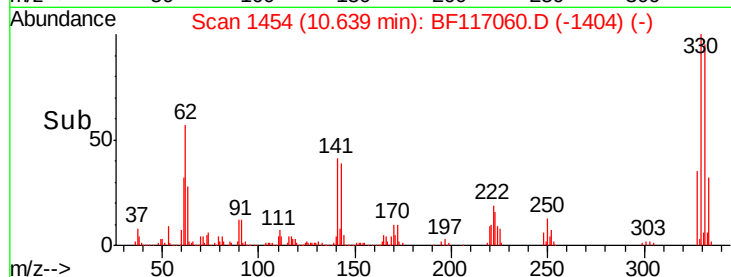
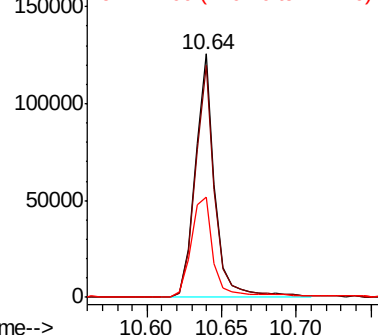


Abundance

Ion 329.80 (329.50 to 330.50): E

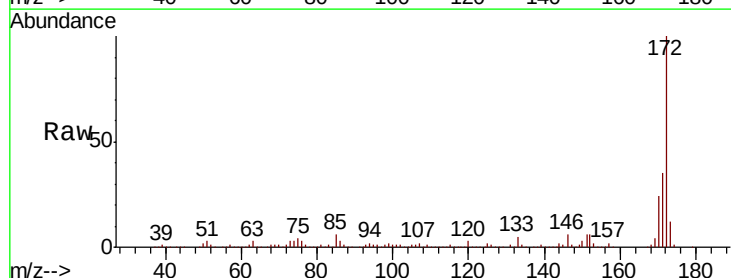
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.454 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117060.D
 Acq: 16 Sep 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	606918		
171	34.9	28.2	42.2	
170	23.7	18.9	28.3	

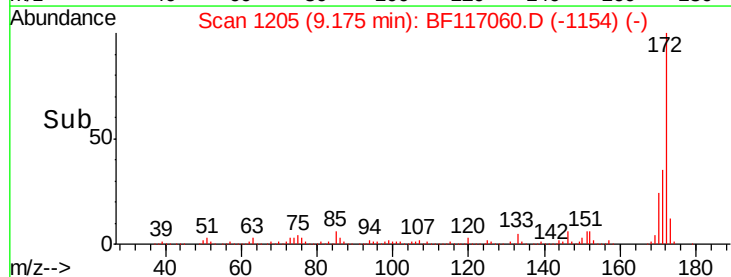
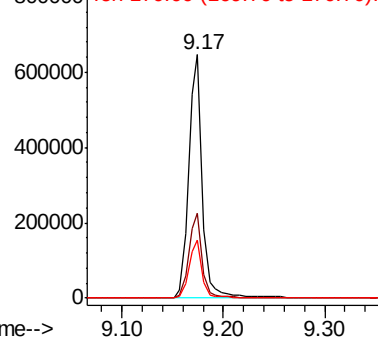


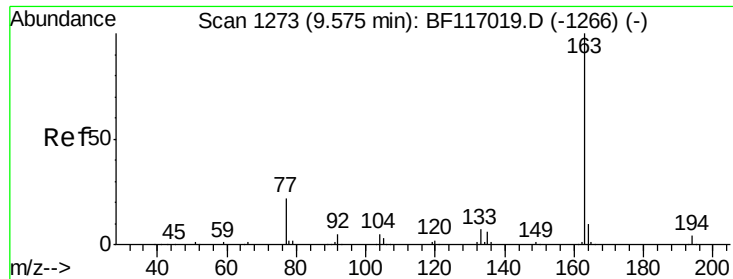
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





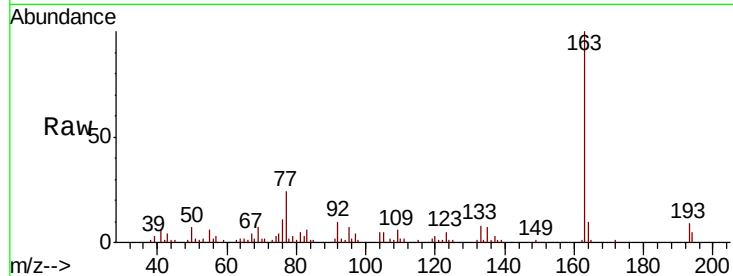
#50
Dimethylphthalate
Concen: 6.223 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117060.D
Acq: 16 Sep 2019 13:58

Instrument :
BNA_F
ClientSampleId :
VE-4-11

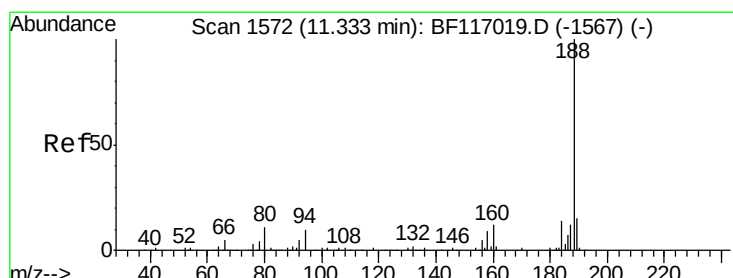
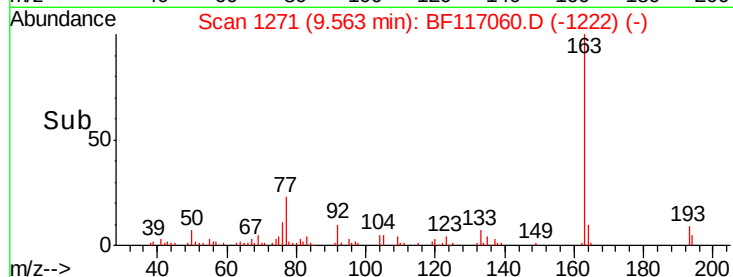
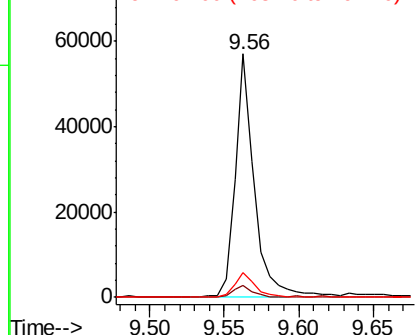
Tot Ion	Ratio	Resp	Lower	Upper
163	100	51974		
194	4.7		2.9	4.3#
164	10.1		8.2	12.4

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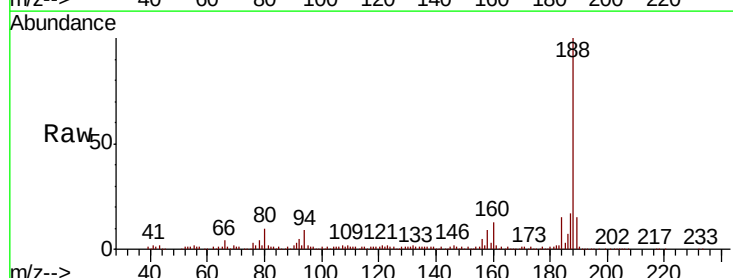


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

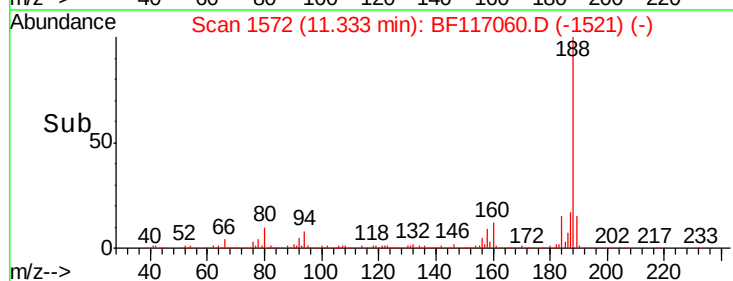
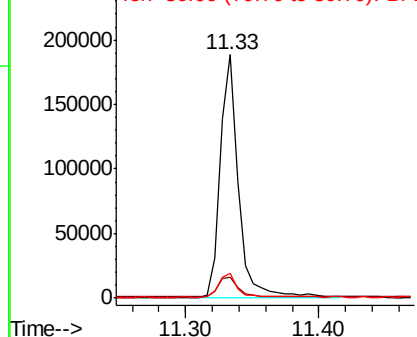


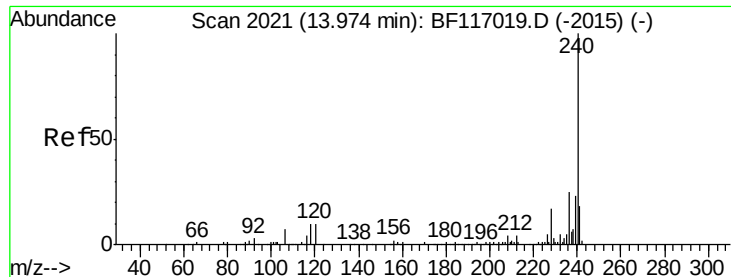
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117060.D
Acq: 16 Sep 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	185503		
94	8.8		8.2	12.2
80	10.0		9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





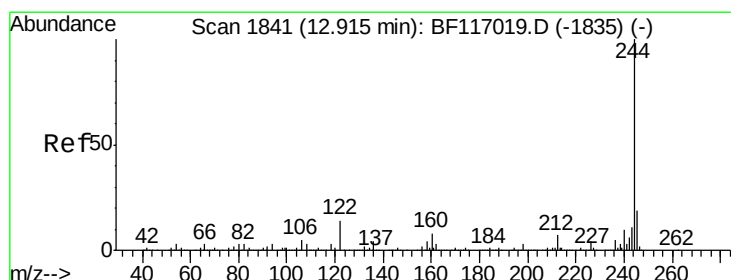
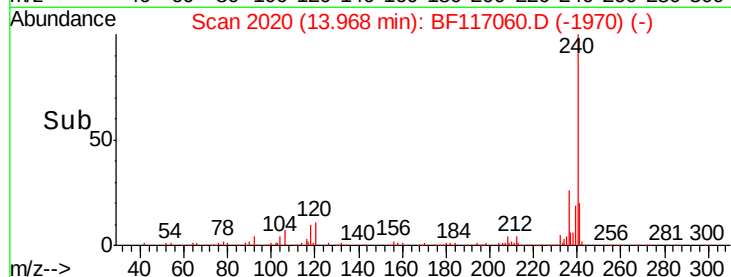
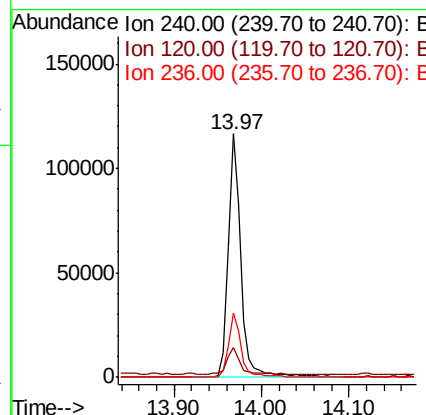
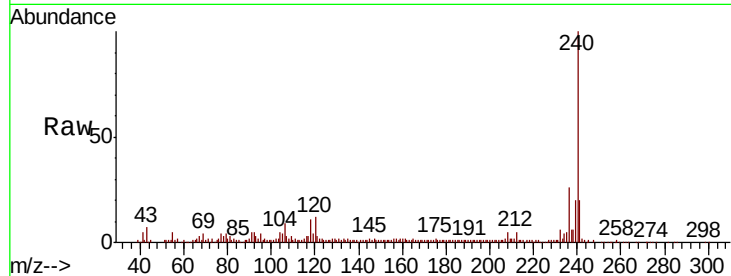
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117060.D
 Acq: 16 Sep 2019 13:58

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11

Tot Ion	Ratio	Resp	Lower	Upper
240	100	118286		
120	12.3		8.3	12.5
236	26.4		20.3	30.5

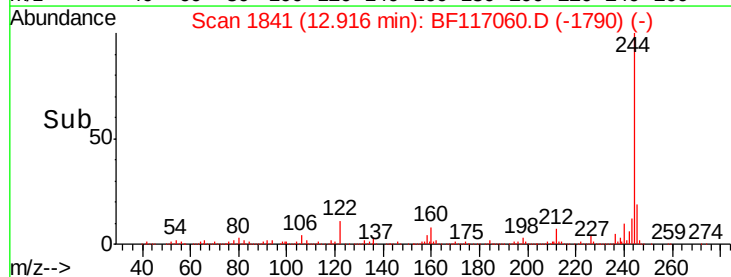
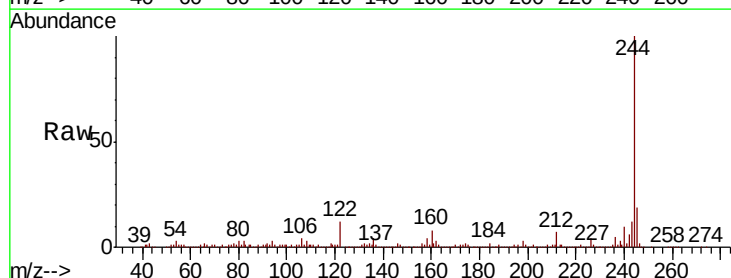
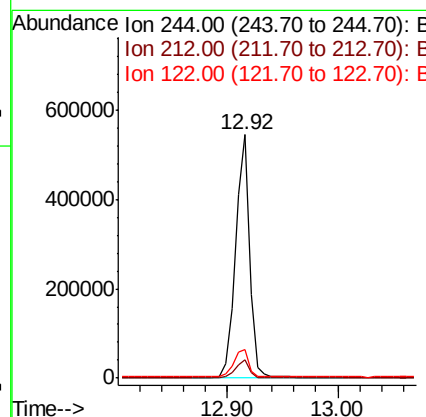
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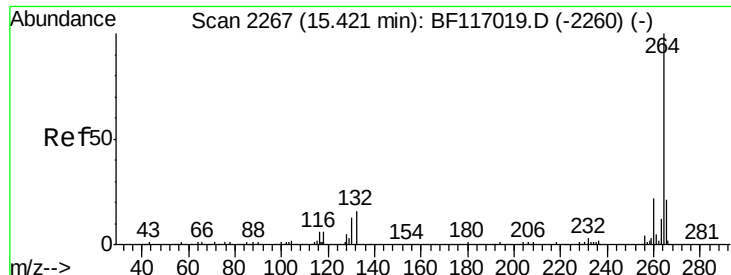
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 9/17/2019 1:25:30 PM



#79
 Terphenyl-d14
 Concen: 77.911 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117060.D
 Acq: 16 Sep 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	493029		
212	7.3		5.8	8.8
122	12.0		11.3	16.9





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117060.D
Acq: 16 Sep 2019 13:58

Instrument :
BNA_F
ClientSampleId :
VE-4-11

Tot Ion:	264	Resp:	119786
Ion Ratio		Lower	Upper
264	100		
260	25.2	17.6	26.4
265	21.8	16.6	24.8

Manual Integrations
APPROVED

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