

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116377.D
 Acq On : 18 Aug 2019 4:33
 Operator : HP/JU
 Sample : K4384-01 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(3.5-4)

Manual Integrations
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 8/19/2019 3:31:35 PM

Quant Time: Aug 19 08:12:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	120491	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	484911	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	237497	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	357428	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	230440	20.00	ng	-0.04
87) Perylene-d12	15.43	264	261066	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	18353m	2.55	ng	0.03
7) Phenol-d6	6.49	99	37117	4.09	ng	0.00
23) Nitrobenzene-d5	7.40	82	27032	3.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	2743	1.19	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	54880	4.33	ng	-0.04
79) Terphenyl-d14	12.90	244	41540	3.80	ng	-0.05

Target Compounds Qvalue

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

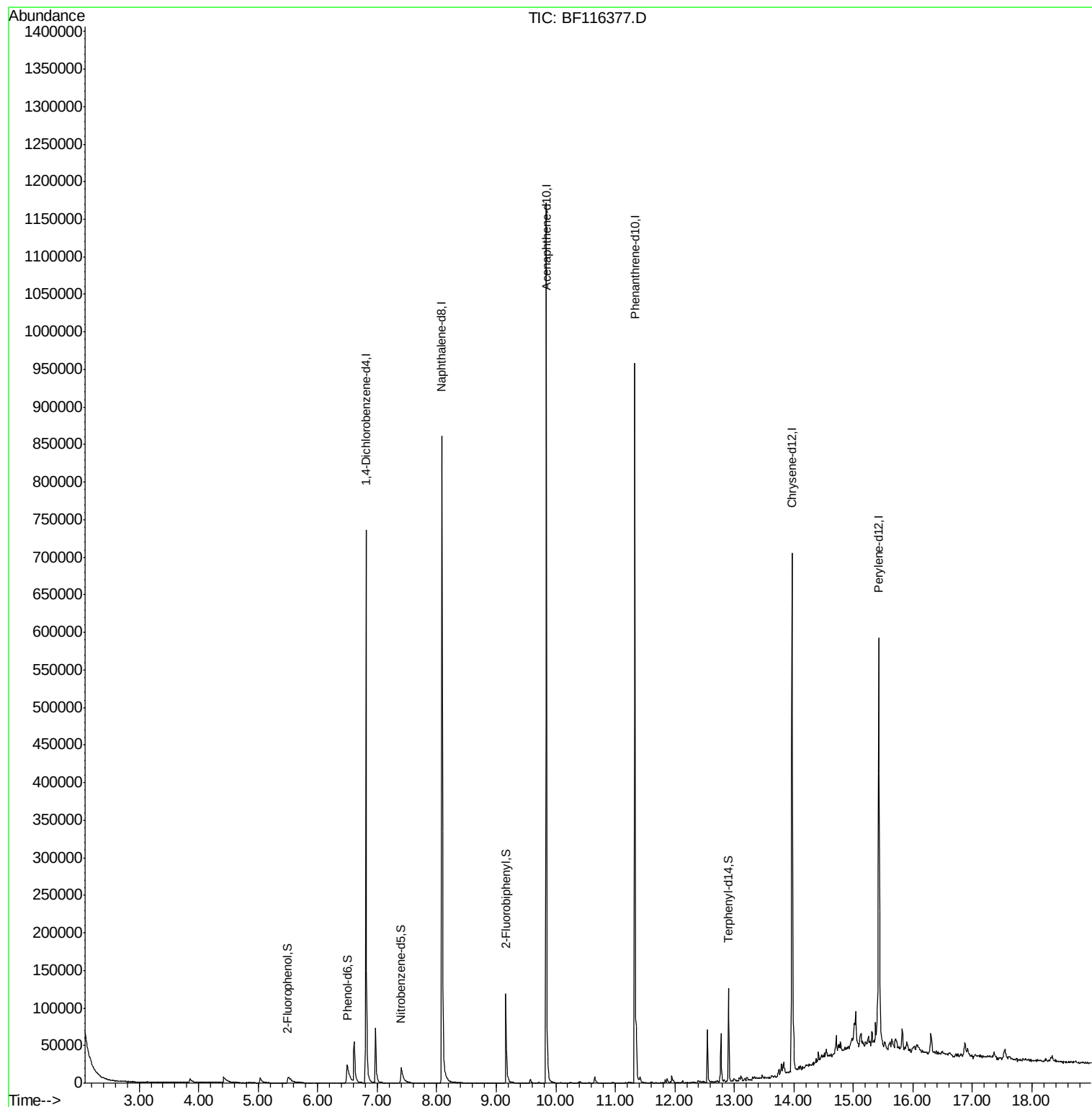
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
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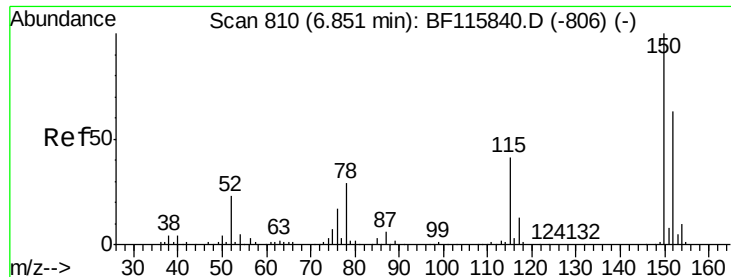
Instrument :
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B-1(3.5-4)

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#1

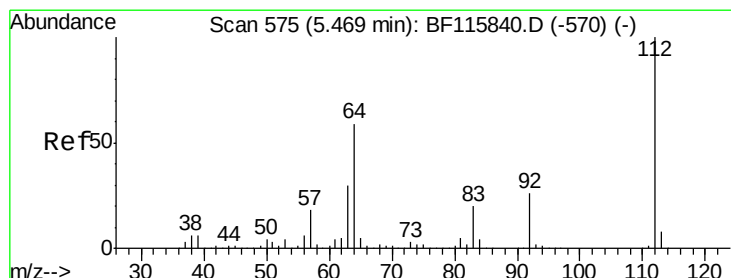
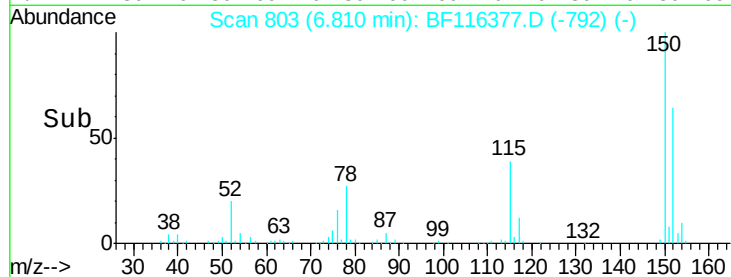
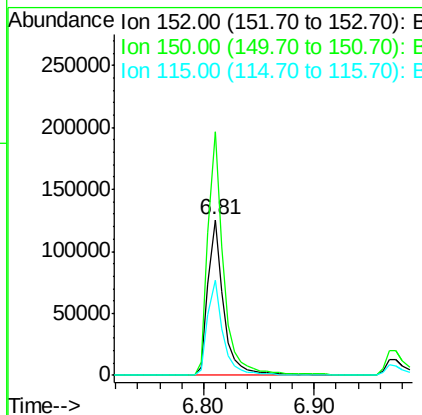
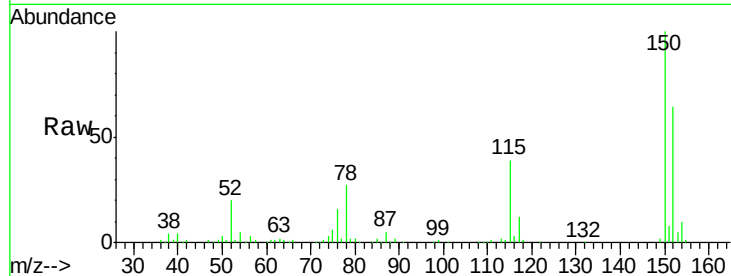
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116377.D
Acq: 18 Aug 2019 4:33

Instrument :
BNA_F
ClientSampled :
B-1(3.5-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	61.0	49.9	74.9

Manual Integrations
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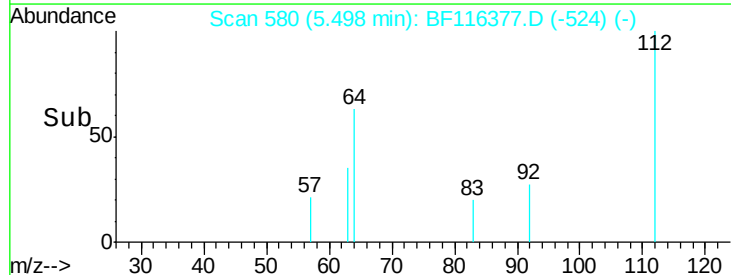
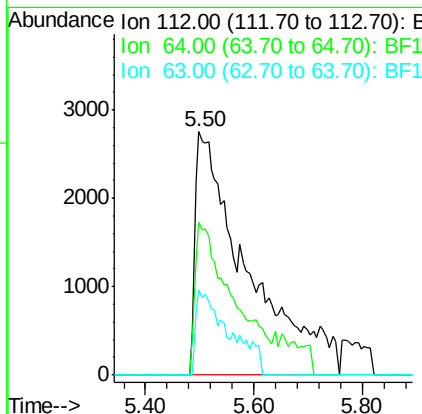
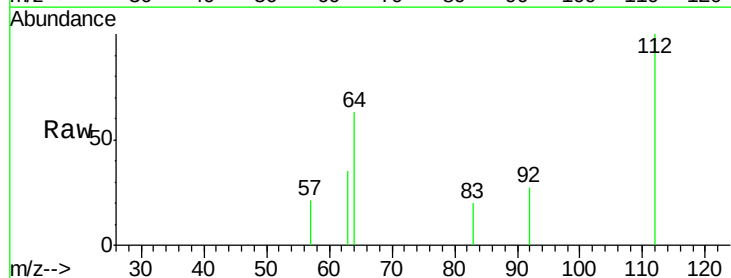
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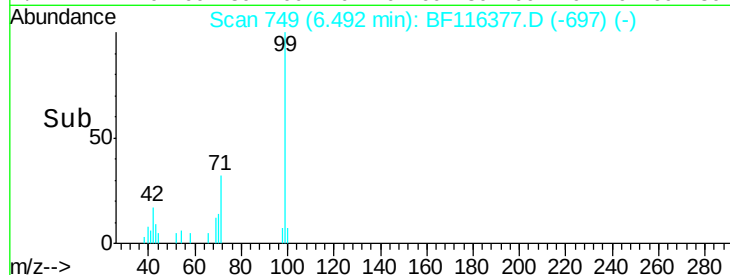
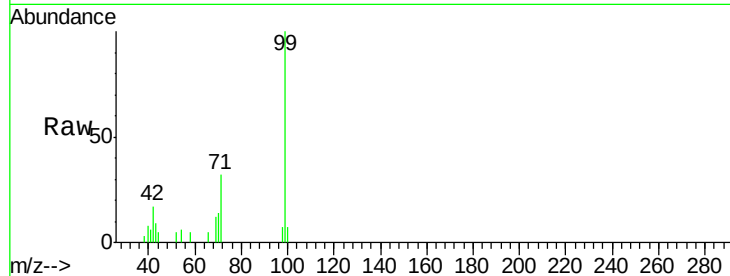
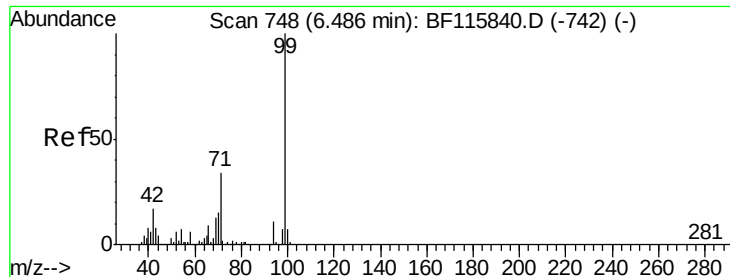


#5

2-Fluorophenol
Concen: 2.550 ng m
RT: 5.50 min Scan# 580
Delta R.T. 0.03 min
Lab File: BF116377.D
Acq: 18 Aug 2019 4:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	45.4	68.2
63	34.8	23.7	35.5





#7

Phenol-d6

Concen: 4.087 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF116377.D

Acq: 18 Aug 2019 4:33

Tot Ion:	99	Resp:	37117
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.8	20.8
71	32.3	27.3	40.9

Instrument :

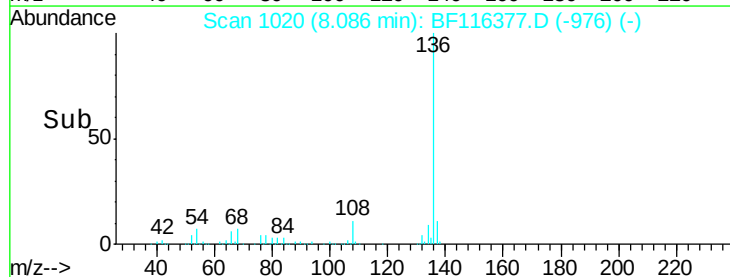
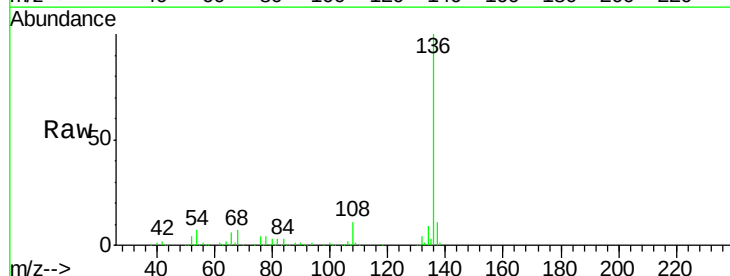
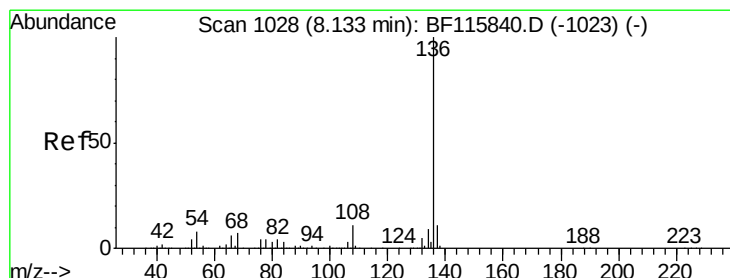
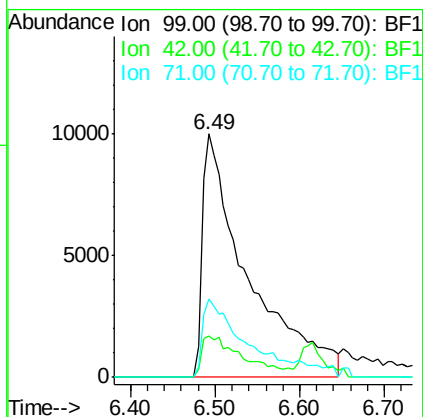
BNA_F

ClientSampled :

B-1(3.5-4)

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#21

Naphthalene-d8

Concen: 20.000 ng

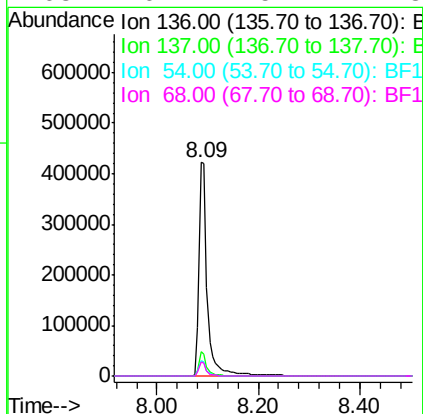
RT: 8.09 min Scan# 1020

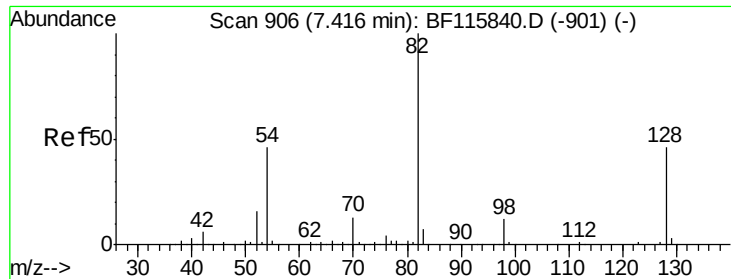
Delta R.T. -0.04 min

Lab File: BF116377.D

Acq: 18 Aug 2019 4:33

Tgt Ion:	136	Resp:	484911
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	7.3	5.8	8.6
68	6.7	5.2	7.8





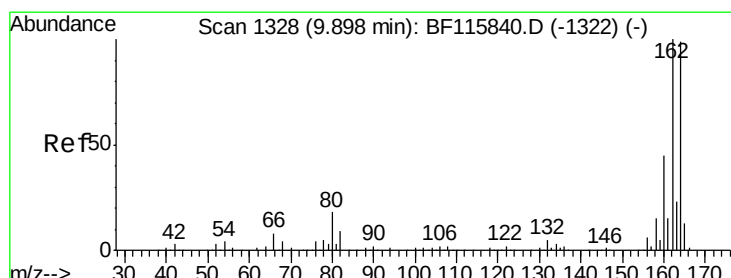
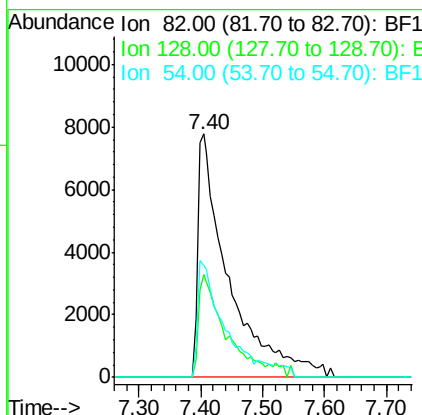
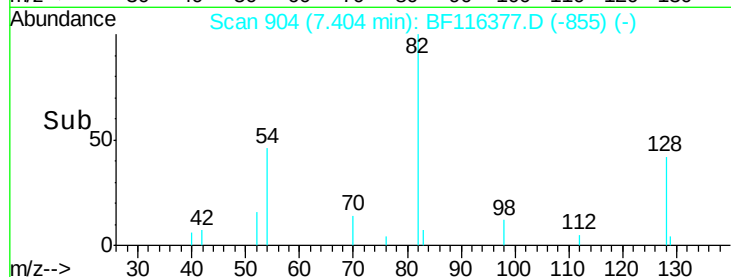
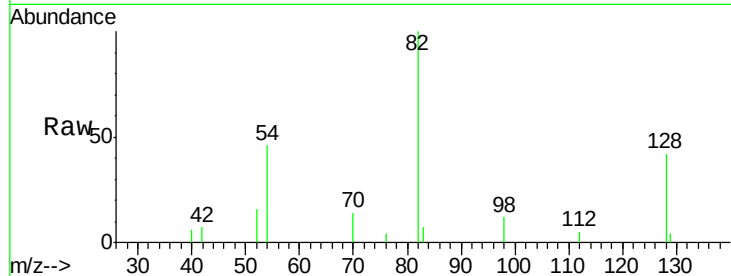
#23
 Nitrobenzene-d5
 Concen: 3.218 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116377.D
 Acq: 18 Aug 2019 4:33

Instrument :
 BNA_F
 ClientSampled :
 B-1(3.5-4)

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.5	54.7
54	46.0	36.0	54.0

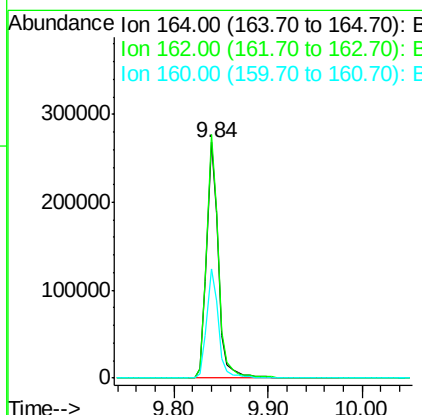
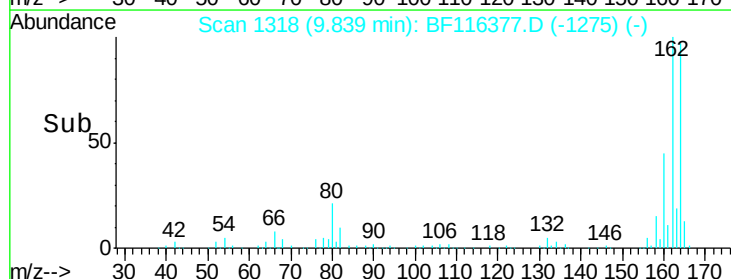
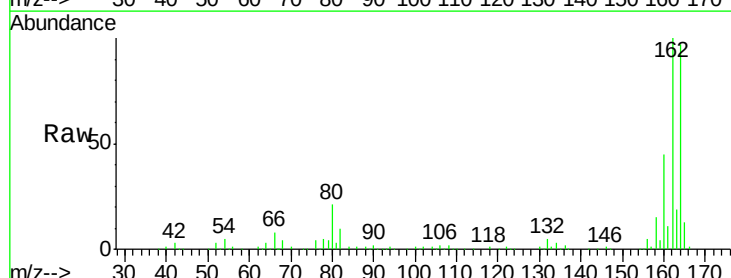
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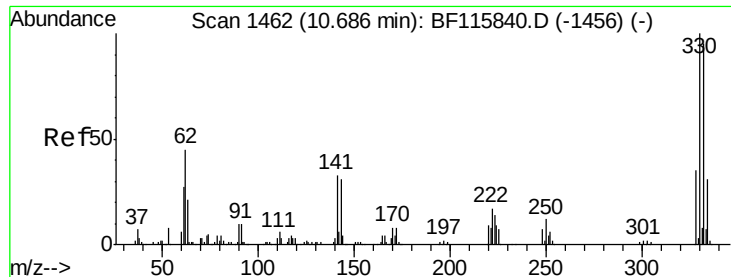
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.05 min
 Lab File: BF116377.D
 Acq: 18 Aug 2019 4:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	124.0
160	46.4	37.6	56.4





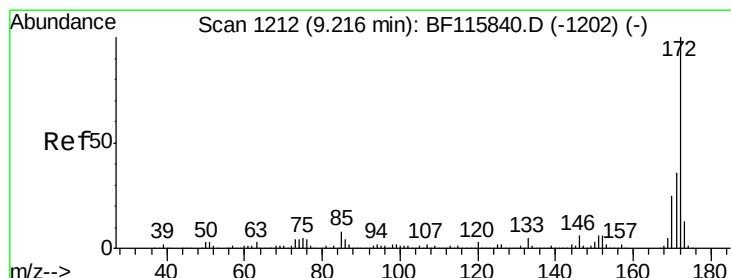
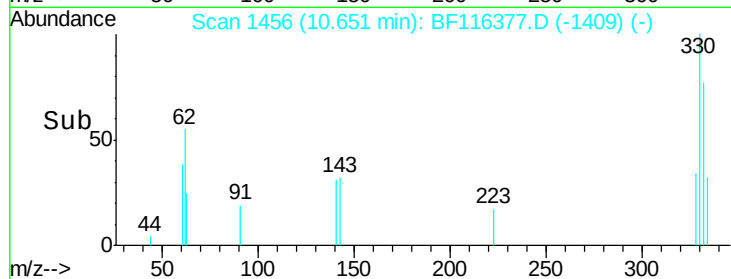
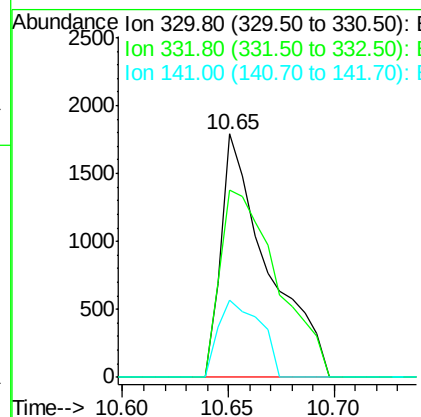
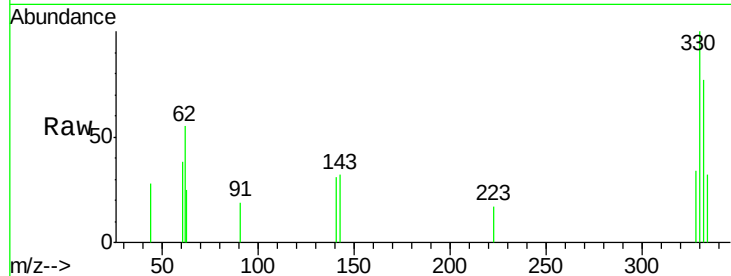
#42
 2,4,6-Tribromophenol
 Concen: 1.191 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF116377.D
 Acq: 18 Aug 2019 4:33

Instrument :
 BNA_F
 ClientSampleId :
 B-1(3.5-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.8	115.2
141	28.6	26.3	39.5

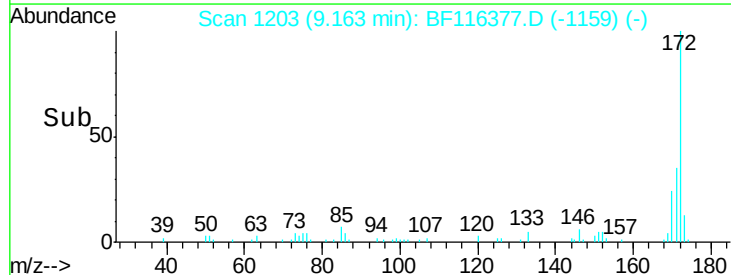
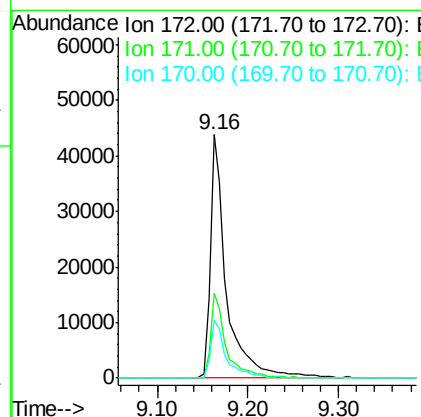
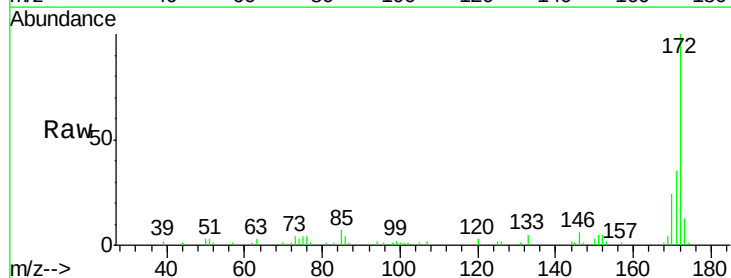
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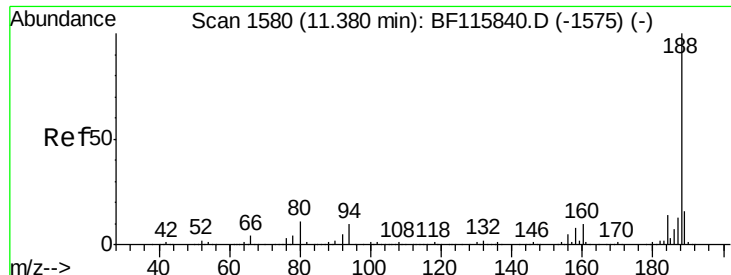
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#45
 2-Fluorobiphenyl
 Concen: 4.328 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.04 min
 Lab File: BF116377.D
 Acq: 18 Aug 2019 4:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	23.7	20.1	30.1





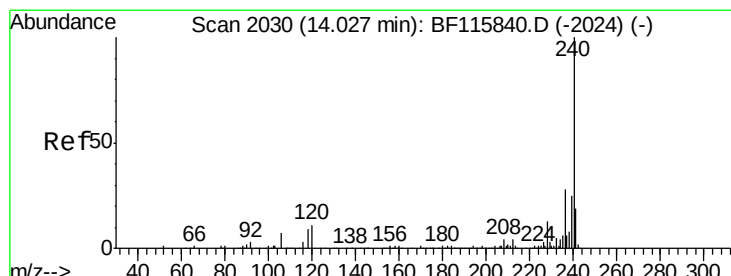
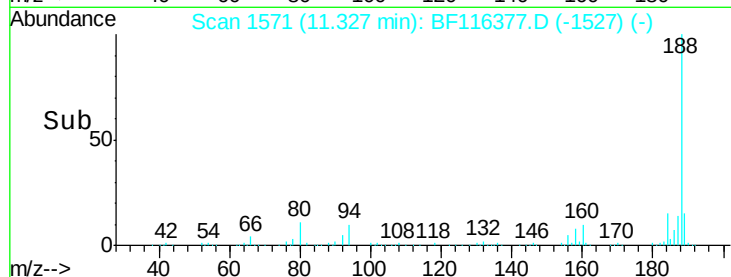
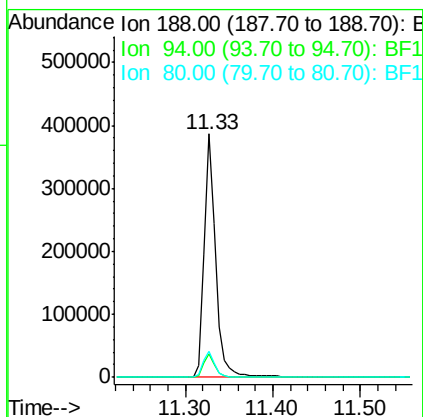
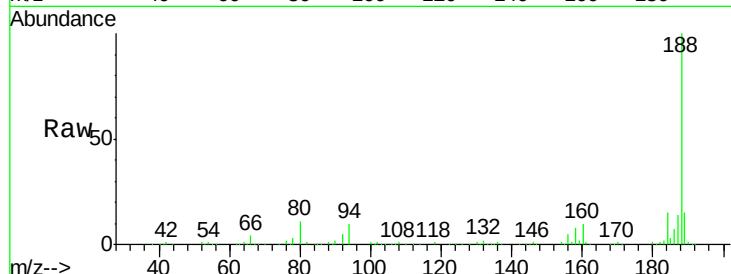
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.04 min
Lab File: BF116377.D
Acq: 18 Aug 2019 4:33

Instrument :
BNA_F
ClientSampled :
B-1(3.5-4)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.7	8.7	13.1

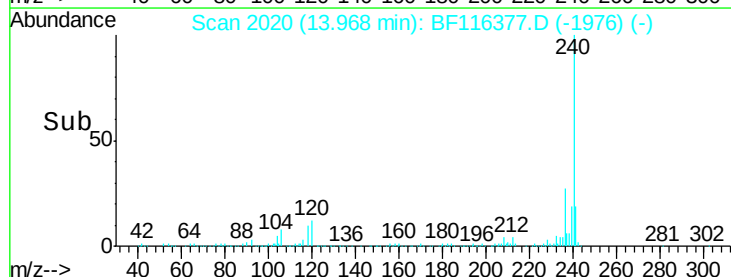
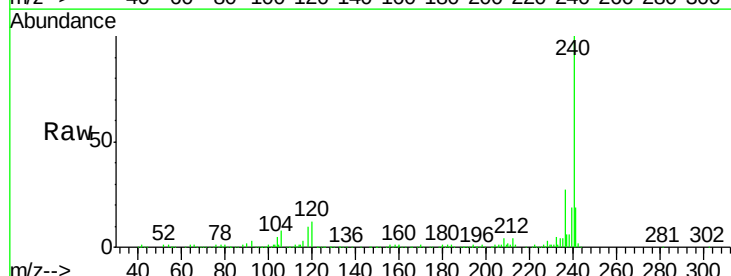
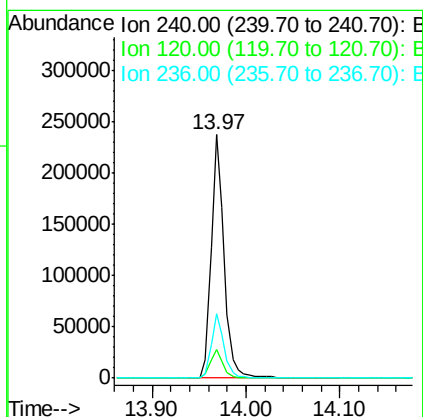
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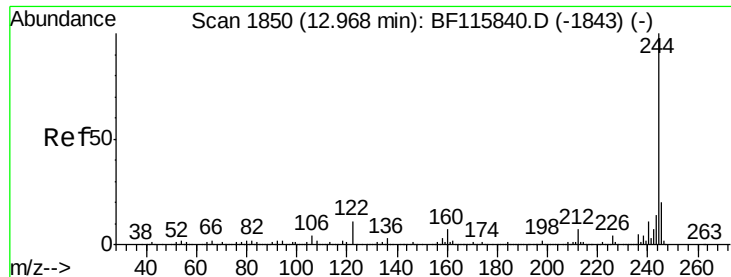
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.04 min
Lab File: BF116377.D
Acq: 18 Aug 2019 4:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.6	10.7	16.1
236	26.6	22.2	33.2





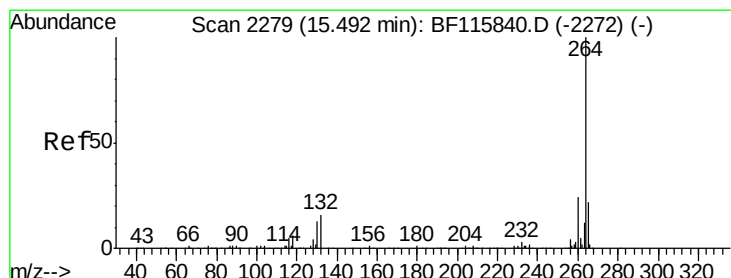
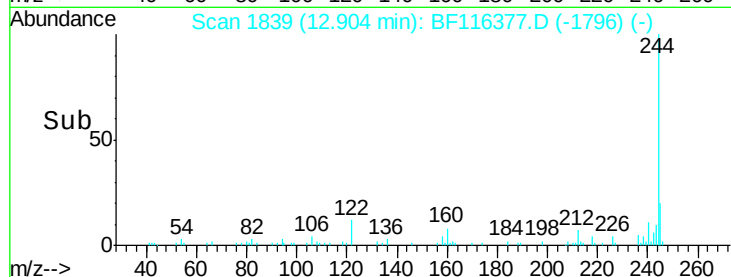
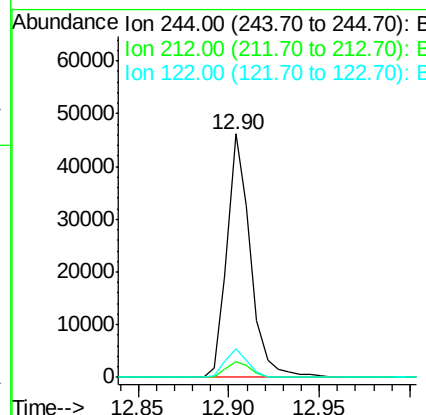
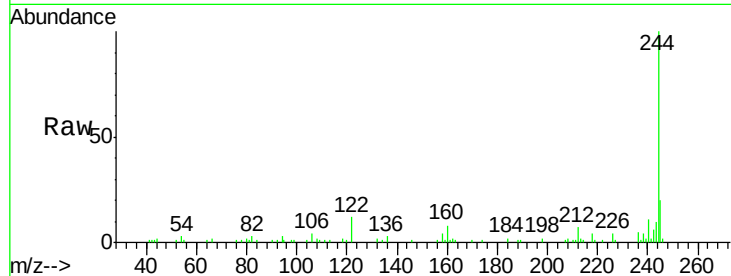
#79
 Terphenyl-d14
 Concen: 3.798 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.05 min
 Lab File: BF116377.D
 Acq: 18 Aug 2019 4:33

Instrument :
 BNA_F
 ClientSampleId :
 B-1(3.5-4)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.8	9.0	13.4

Manual Integrations
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.05 min
 Lab File: BF116377.D
 Acq: 18 Aug 2019 4:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	21.7	17.4	26.0

