

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116344.D
 Acq On : 17 Aug 2019 3:30
 Operator : HP/JU
 Sample : K3616-15 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-081519-C

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Quant Time: Aug 19 08:42:45 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	6.82	152	127196	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	516836	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	253116	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	389254	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	253733	20.00	ng	-0.04
87) Perylene-d12	15.43	264	284808	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	38047m	5.01	ng	0.02
7) Phenol-d6	6.49	99	58600	6.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	35648	3.98	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	10169	4.14	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	75811	5.61	ng	-0.03
79) Terphenyl-d14	12.92	244	62712	5.21	ng	-0.04

Target Compounds Qvalue

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

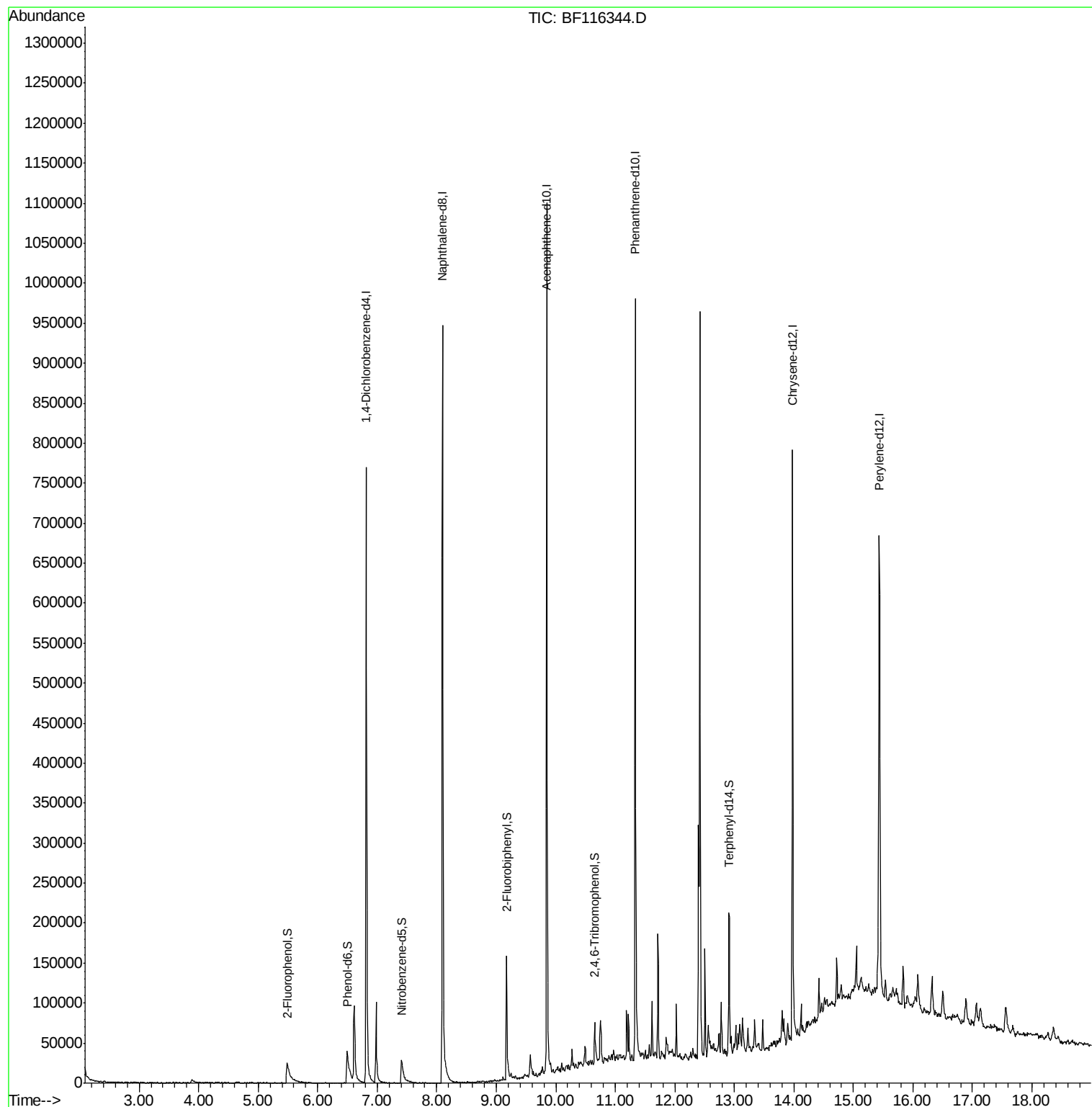
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
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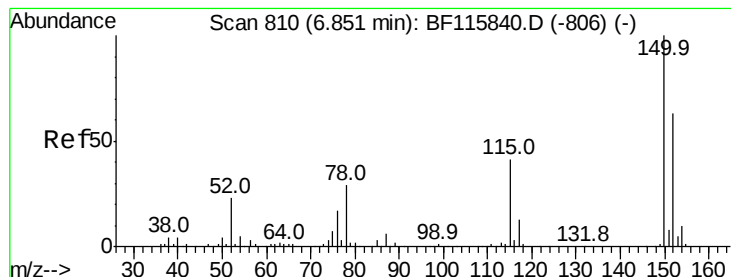
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#1

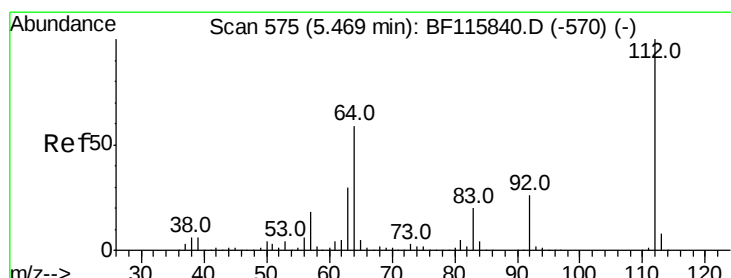
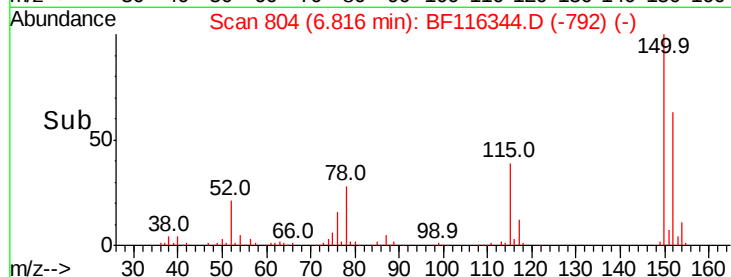
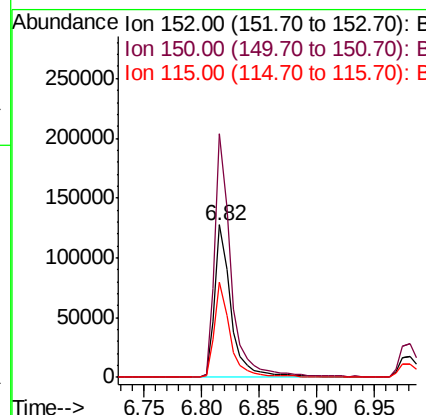
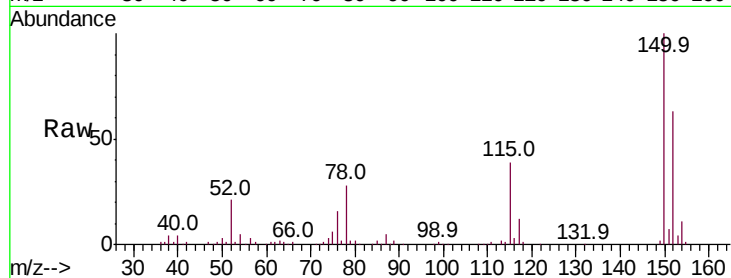
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116344.D
Acq: 17 Aug 2019 3:30

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	62.4	49.9	74.9

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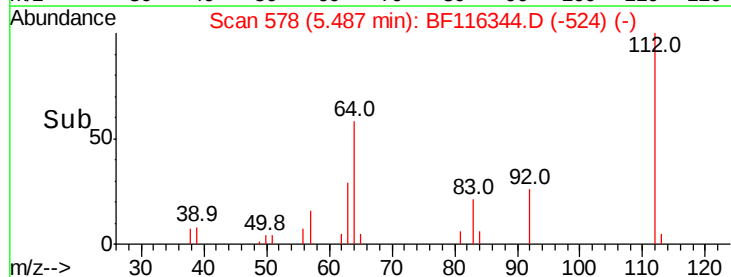
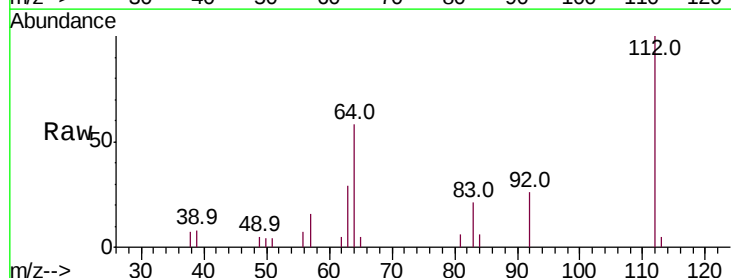
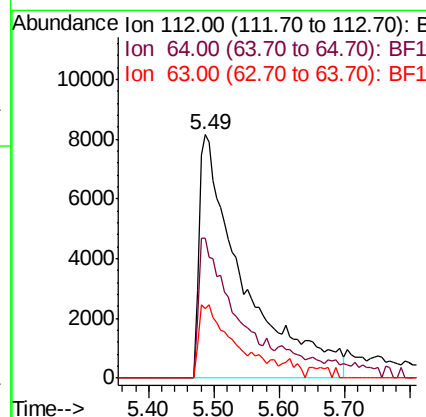
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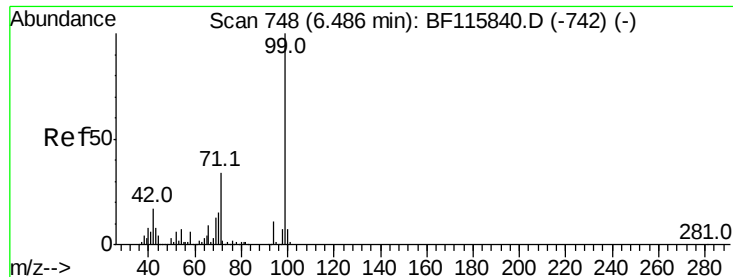


#5

2-Fluorophenol
Concen: 5.007 ng m
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF116344.D
Acq: 17 Aug 2019 3:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.4	68.2
63	28.7	23.7	35.5





#7

Phenol-d6

Concen: 6.113 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF116344.D

Acq: 17 Aug 2019 3:30

Instrument :

BNA_F

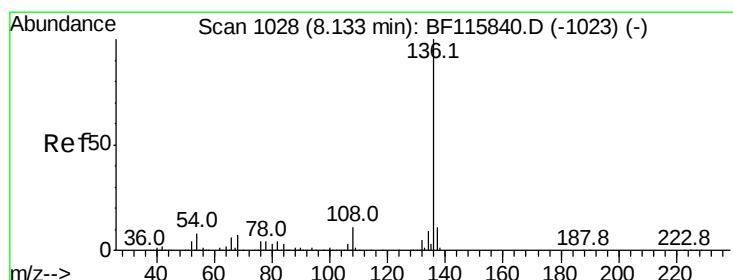
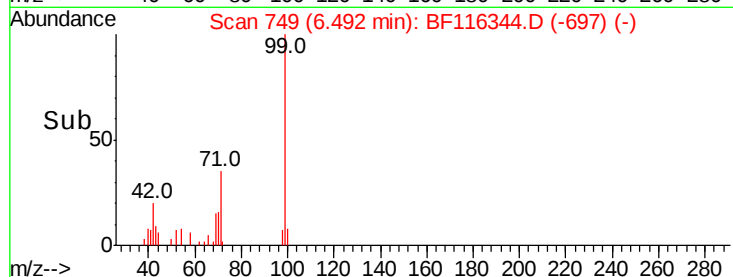
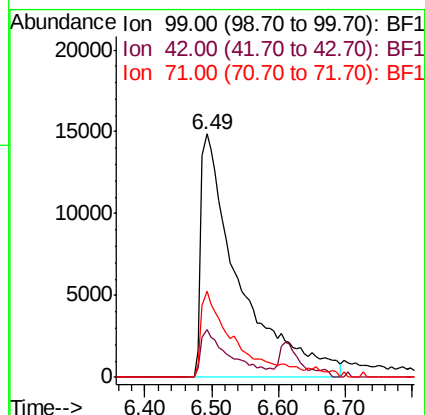
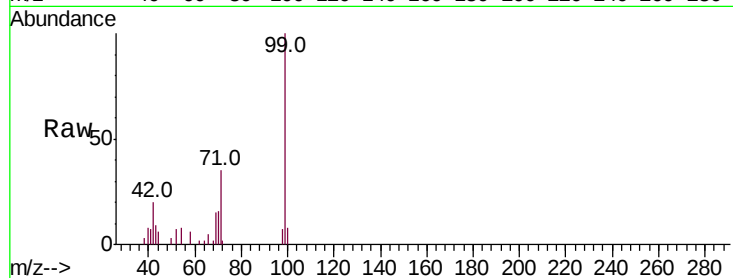
ClientSampleId :

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Tot Ion:	99	Resp:	58600
Ion Ratio	Lower	Upper	
99	100		
42	19.7	13.8	20.8
71	35.4	27.3	40.9

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#21

Naphthalene-d8

Concen: 20.000 ng

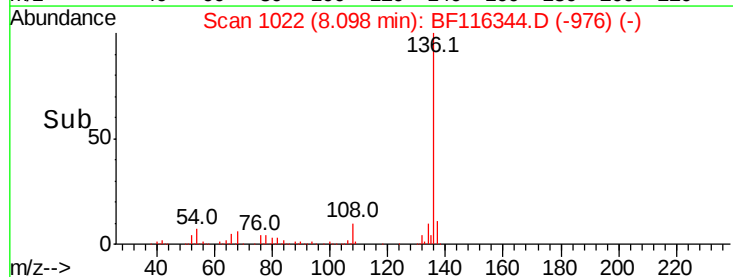
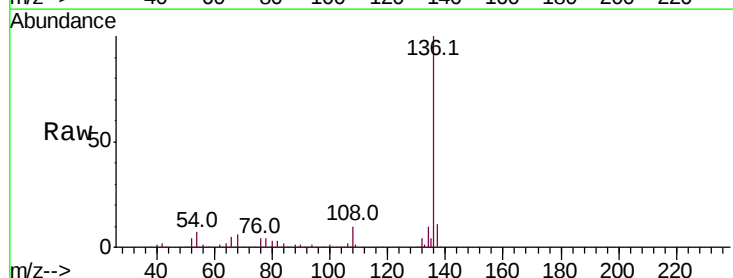
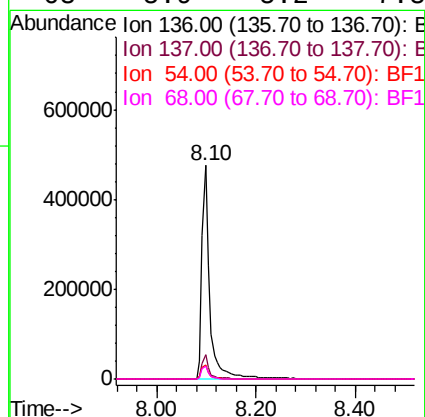
RT: 8.10 min Scan# 1022

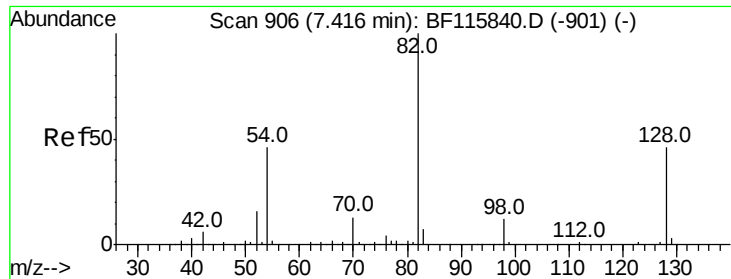
Delta R.T. -0.03 min

Lab File: BF116344.D

Acq: 17 Aug 2019 3:30

Tgt Ion:	136	Resp:	516836
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	6.8	5.8	8.6
68	5.9	5.2	7.8





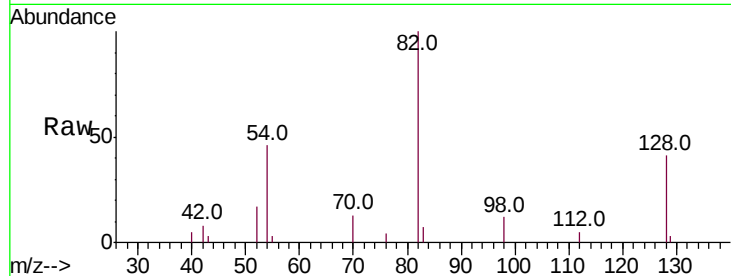
#23
Nitrobenzene-d5
Concen: 3.981 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF116344.D
Acq: 17 Aug 2019 3:30

Instrument :
BNA_F
ClientSampleId :
JC-03-081519-C

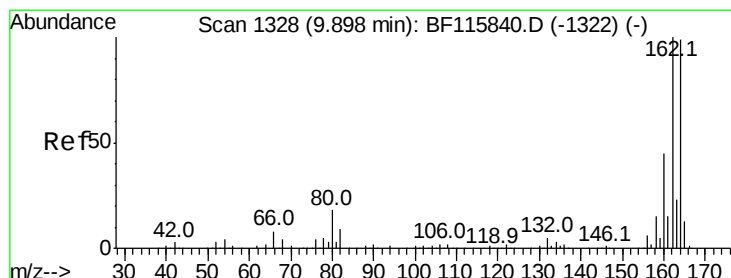
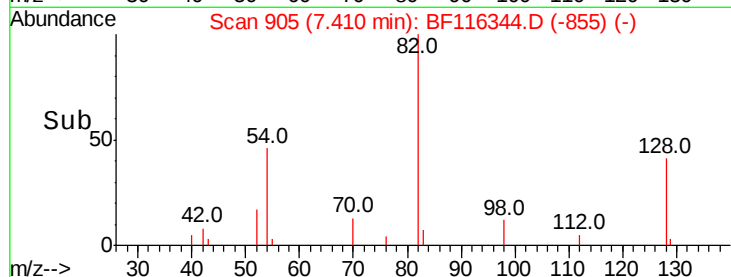
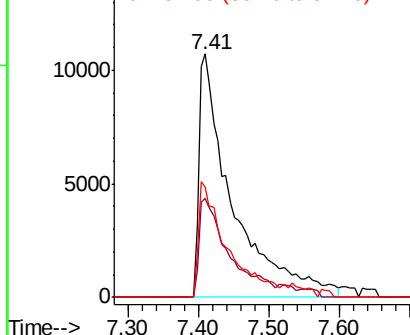
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	36.5	54.7
54	45.6	36.0	54.0

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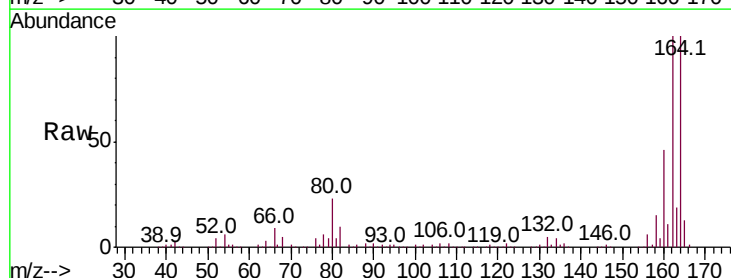


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

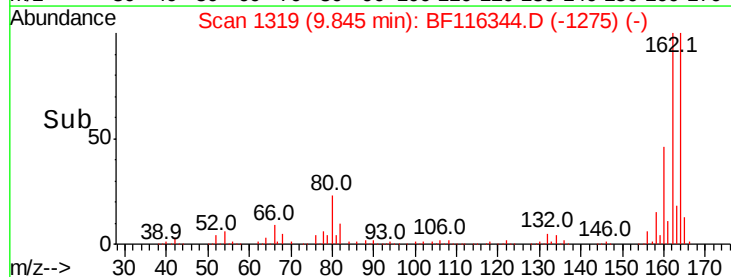
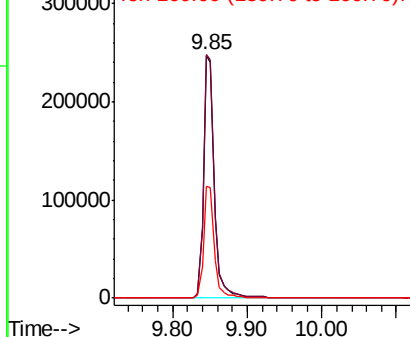


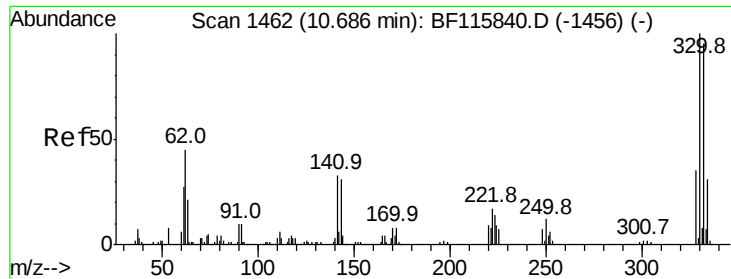
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.04 min
Lab File: BF116344.D
Acq: 17 Aug 2019 3:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	124.0
160	45.9	37.6	56.4



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





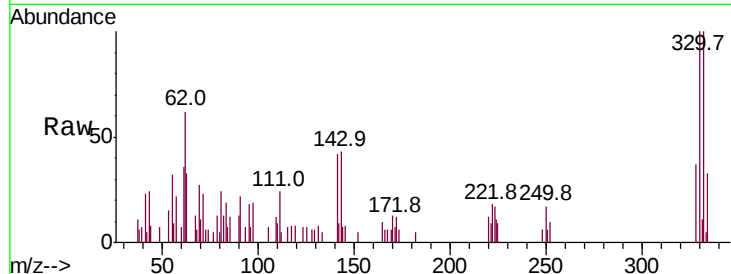
#42
 2,4,6-Tribromophenol
 Concen: 4.144 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF116344.D
 Acq: 17 Aug 2019 3:30

Instrument :
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 ClientSampleId :
 JC-03-081519-C

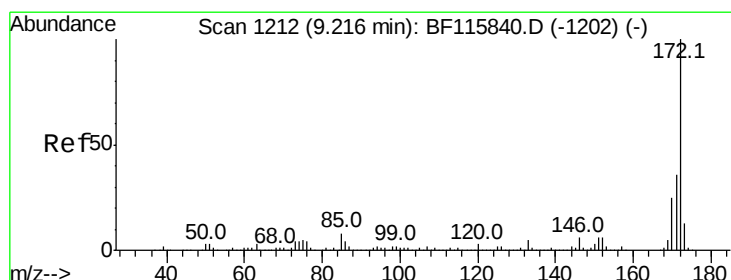
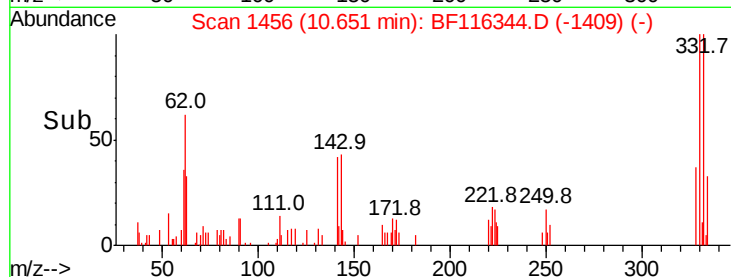
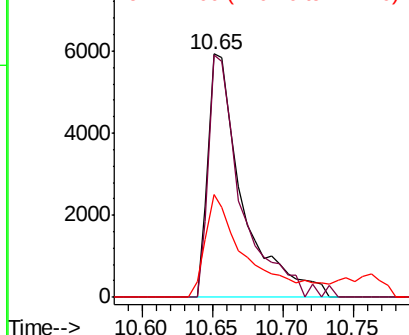
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	76.8	115.2	
141	52.1	26.3	39.5#	

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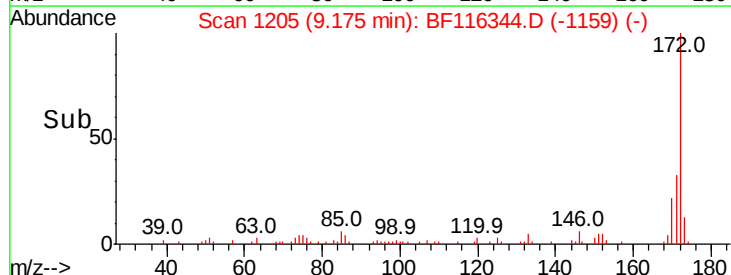
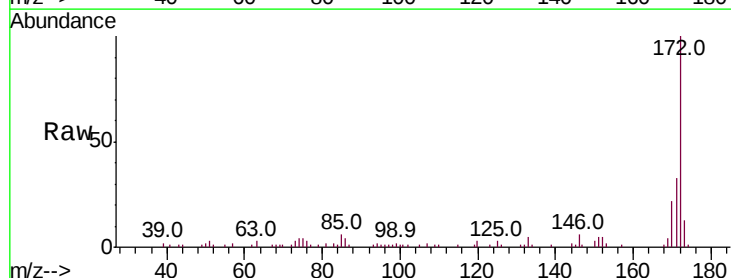
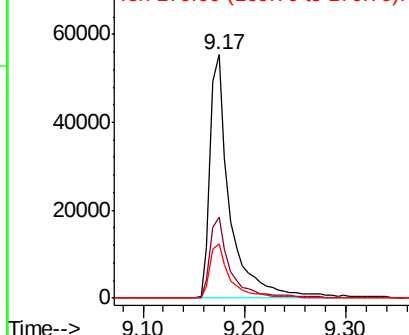
Abundance Ion 329.80 (329.50 to 330.50): E
 8000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

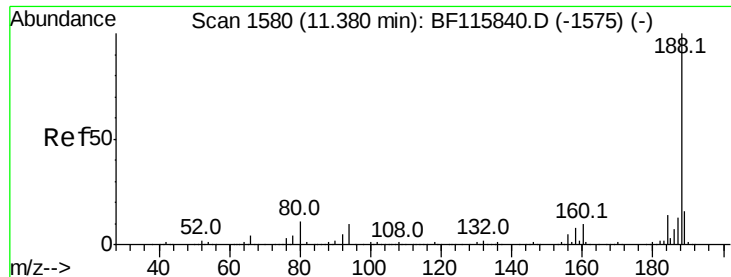


#45
 2-Fluorobiphenyl
 Concen: 5.610 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF116344.D
 Acq: 17 Aug 2019 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	33.1	29.6	44.4	
170	22.3	20.1	30.1	

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





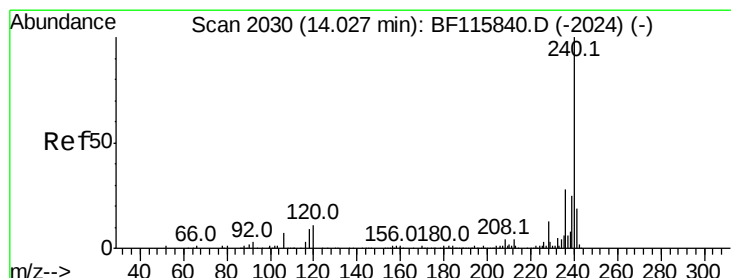
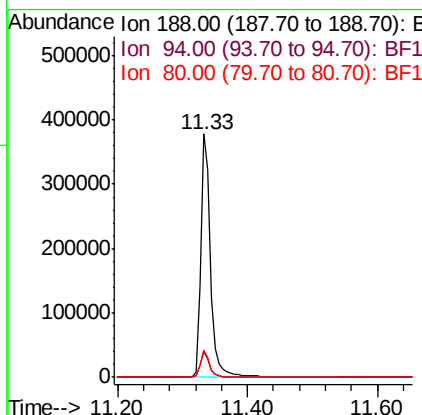
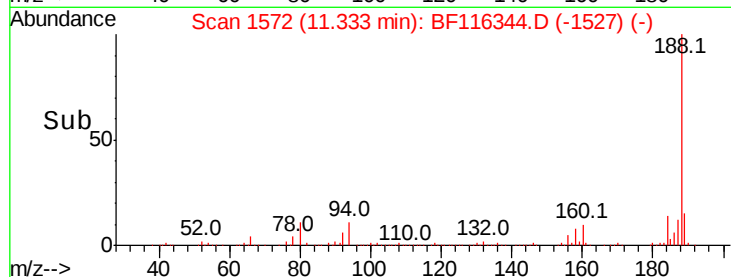
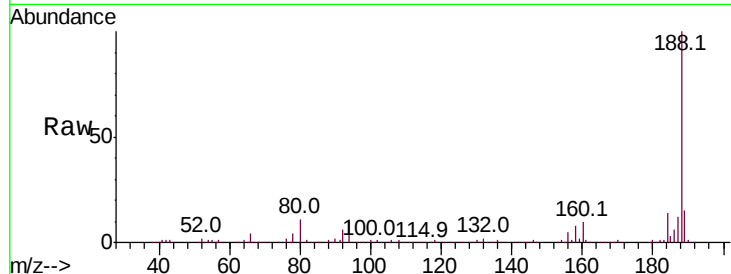
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.04 min
Lab File: BF116344.D
Acq: 17 Aug 2019 3:30

Instrument :
BNA_F
ClientSampleId :
JC-03-081519-C

Tot Ion	Ratio	Resp	Lower	Upper
188	100	389254		
94	10.7		8.1	12.1
80	11.3		8.7	13.1

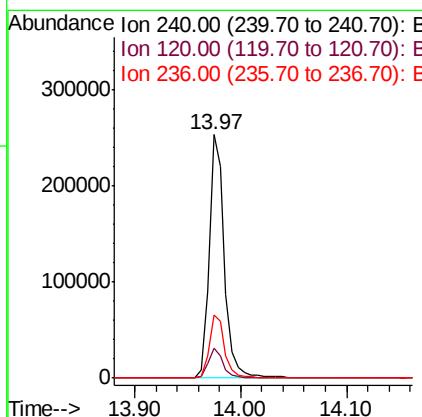
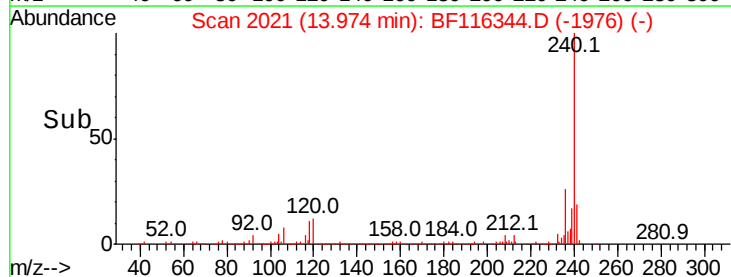
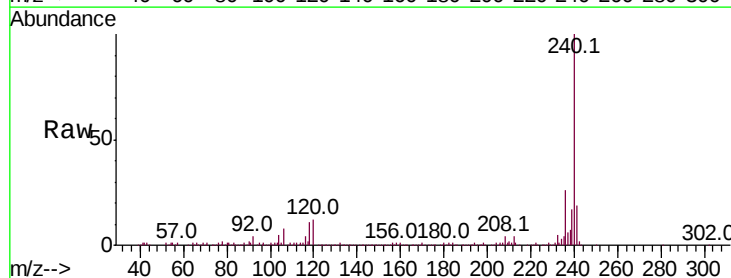
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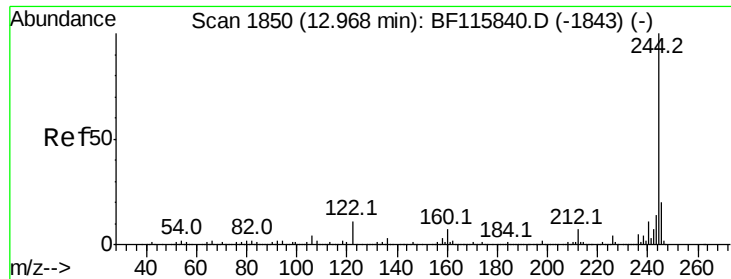
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.04 min
Lab File: BF116344.D
Acq: 17 Aug 2019 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	253733		
120	12.3		10.7	16.1
236	26.2		22.2	33.2





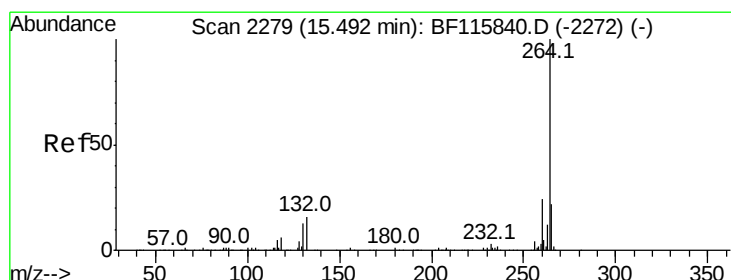
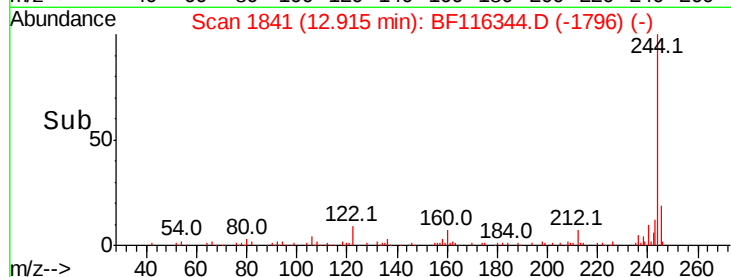
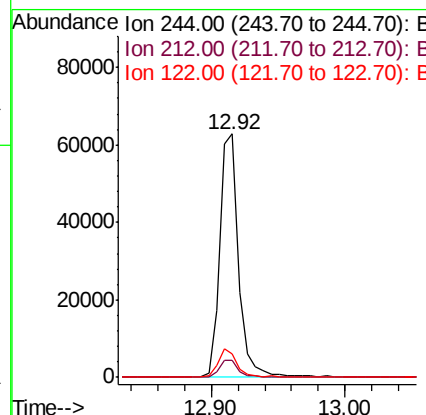
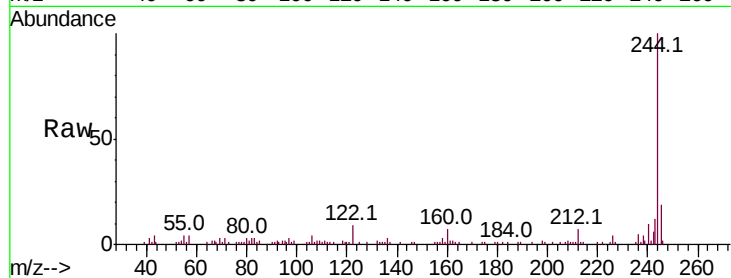
#79
 Terphenyl-d14
 Concen: 5.208 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF116344.D
 Acq: 17 Aug 2019 3:30

Instrument :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	9.4	9.0	13.4

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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF116344.D
 Acq: 17 Aug 2019 3:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.2	17.4	26.0

