

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
 Data File : BF116899.D
 Acq On : 9 Sep 2019 16:24
 Operator : HP/JU
 Sample : PB122923BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122923BL

Quant Time: Sep 09 17:38:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 09 16:37:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	103727	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	402658	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	207986	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	344389	20.00	ng	0.00
76) Chrysene-d12	13.99	240	259069	20.00	ng	0.00
87) Perylene-d12	15.44	264	229251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	915878	143.05	ng	0.01
7) Phenol-d6	6.48	99	1222655	145.43	ng	0.00
23) Nitrobenzene-d5	7.40	82	770606	109.25	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	273911	197.00	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1330248	107.89	ng	0.00
79) Terphenyl-d14	12.94	244	1357330	96.92	ng	0.00

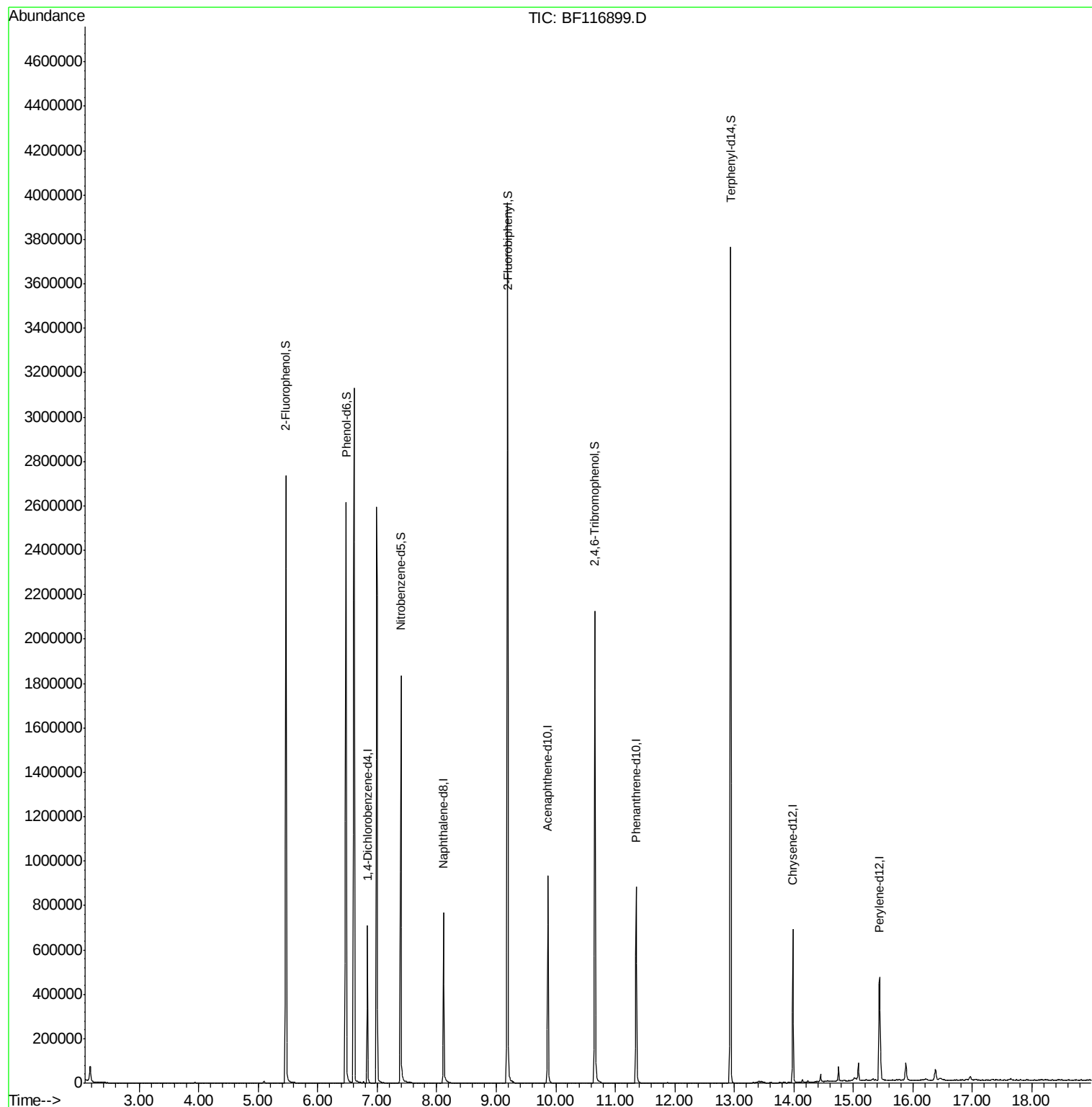
Target Compounds Qvalue

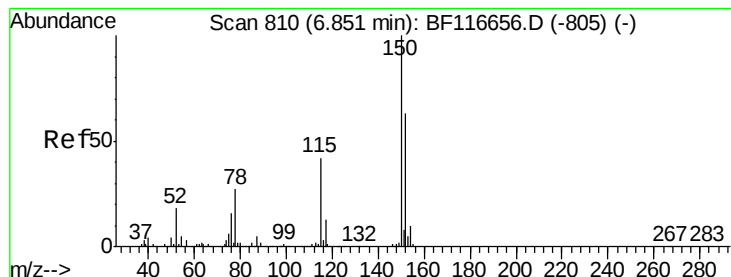
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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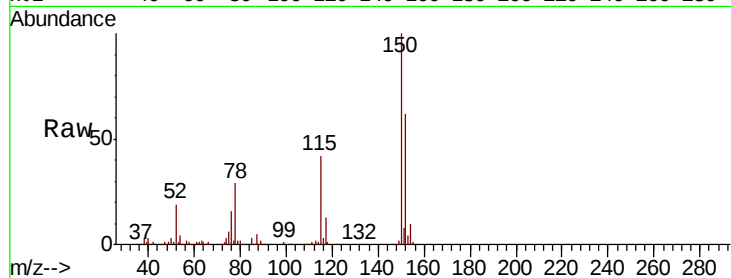


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
PB122923BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	126.2	189.4
115	68.1	51.5	77.3

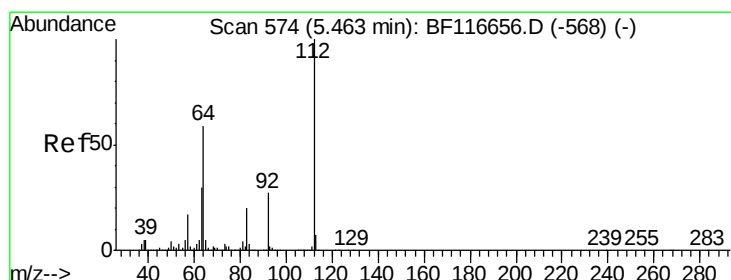
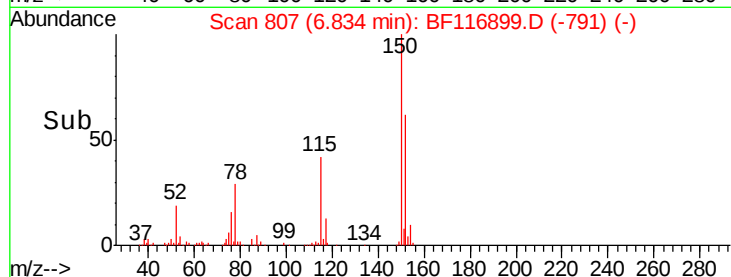
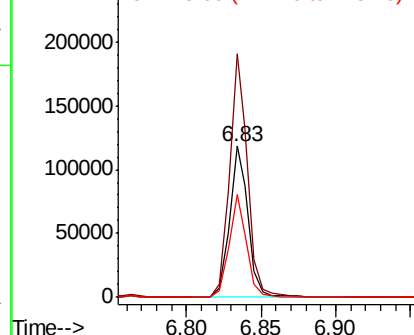


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

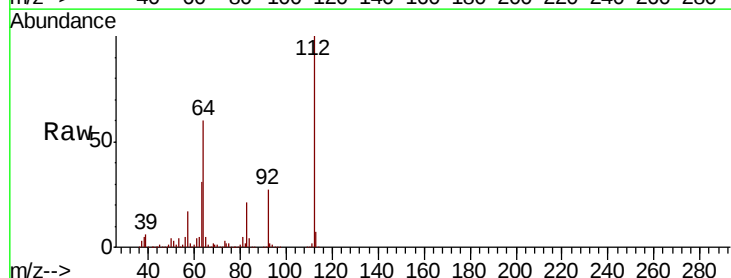
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 143.046 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	45.9	68.9
63	31.1	24.7	37.1

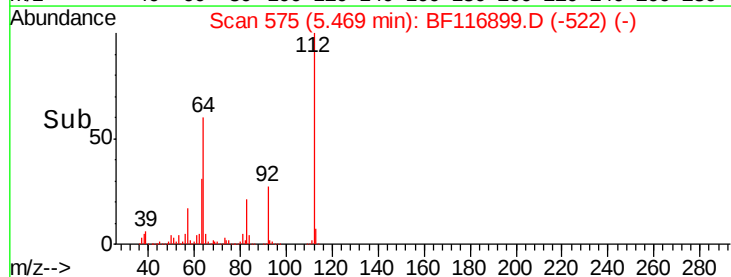
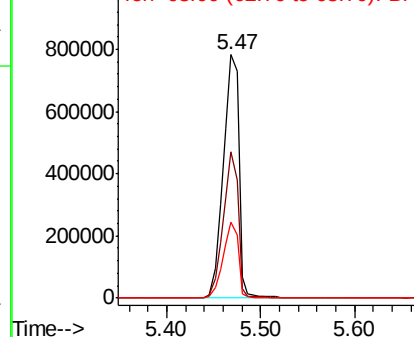


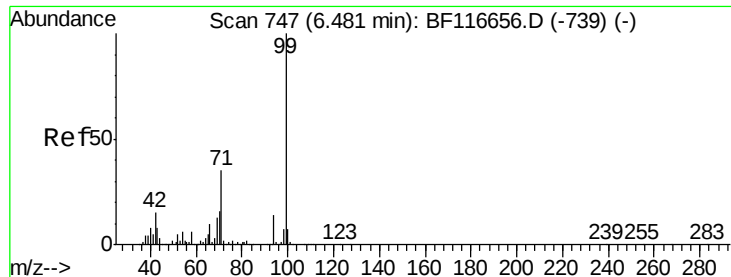
Abundance

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: 145.426 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF116899.D

Acq: 9 Sep 2019 16:24

Instrument :

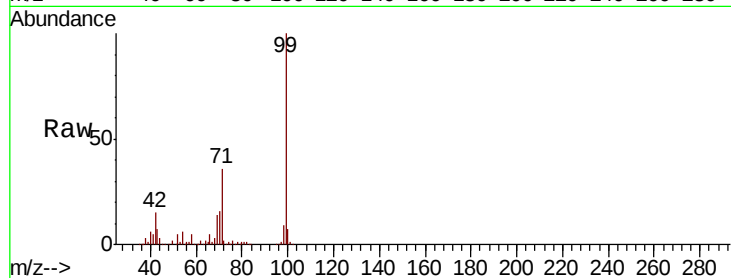
BNA_F

ClientSampleId :

PB122923BL

Tot Ion: 99 Resp: 1222655

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.1	18.1
71	35.7	29.6	44.4

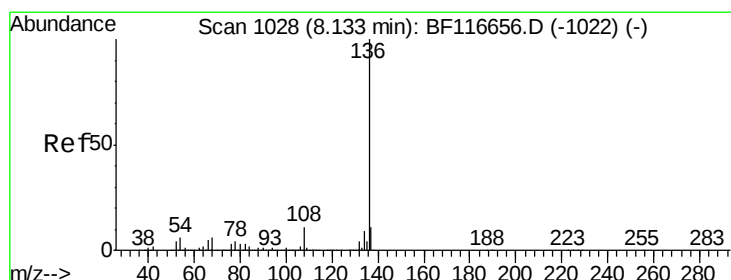
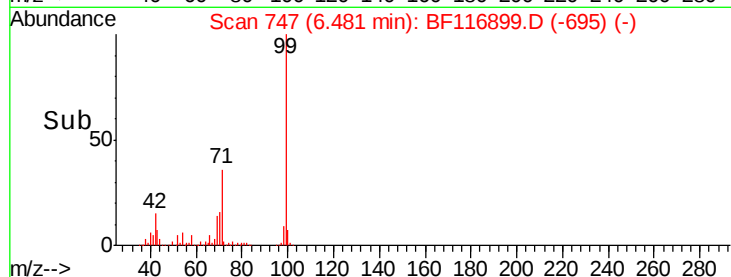
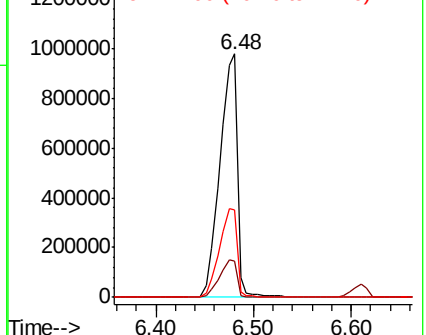


Abundance

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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116899.D

Acq: 9 Sep 2019 16:24

Tgt Ion: 136 Resp: 402658

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	5.6	4.2	6.2
68	4.8	3.9	5.9

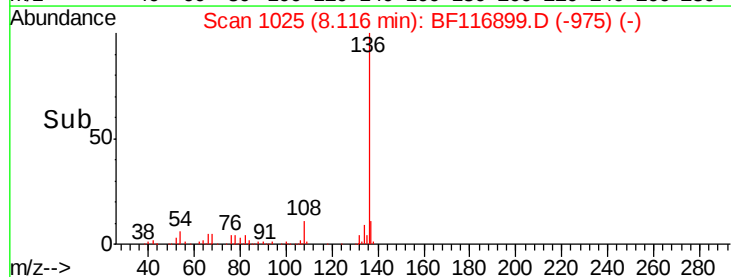
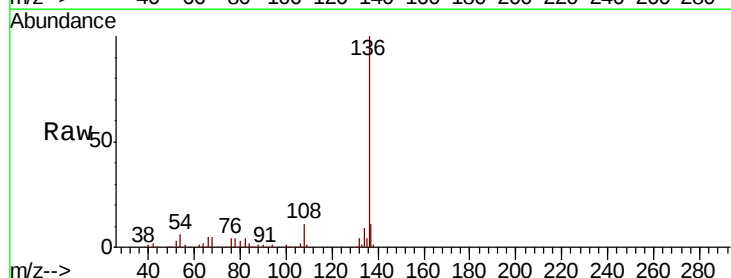
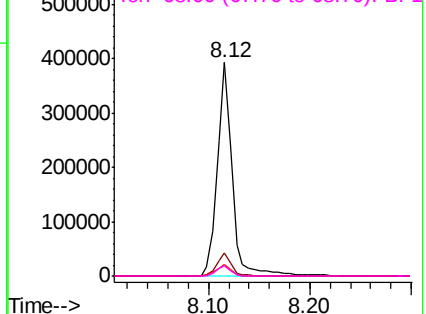
Abundance

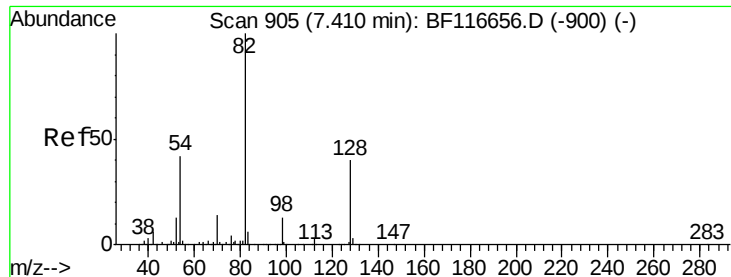
Ion 136.00 (135.70 to 136.70): E

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

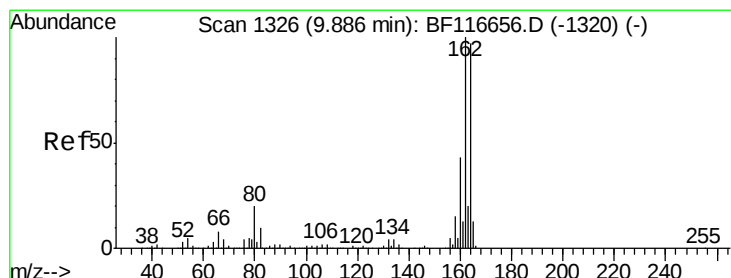
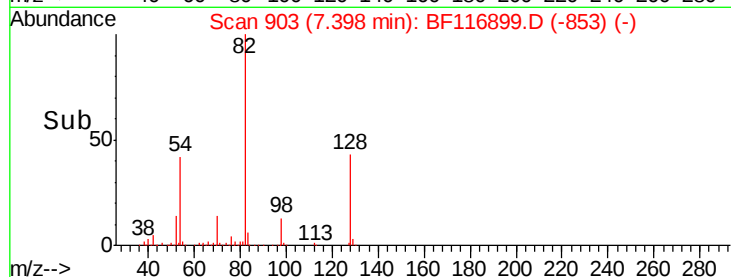
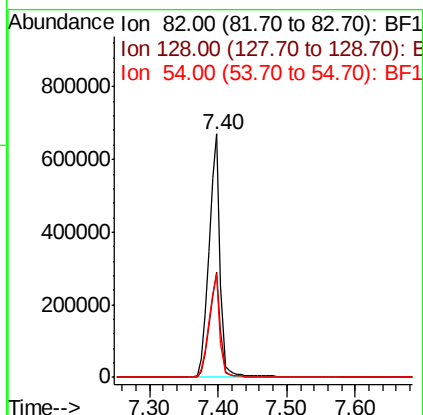
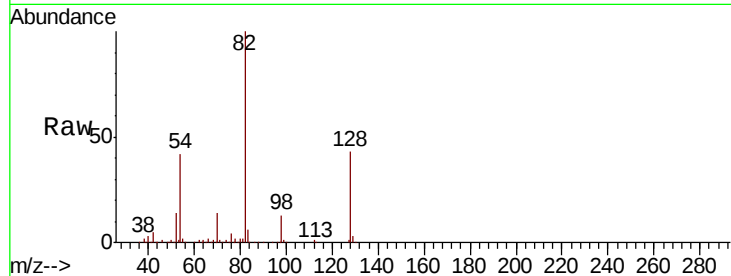




#23
 Nitrobenzene-d5
 Concen: 109.254 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF116899.D
 Acq: 9 Sep 2019 16:24

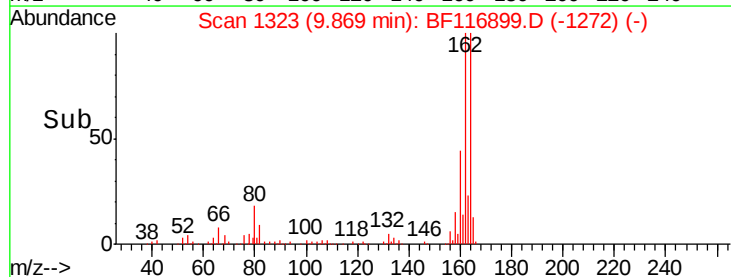
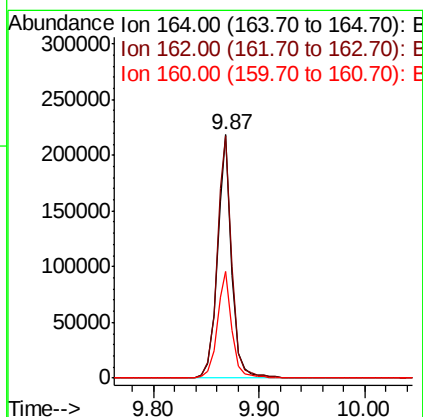
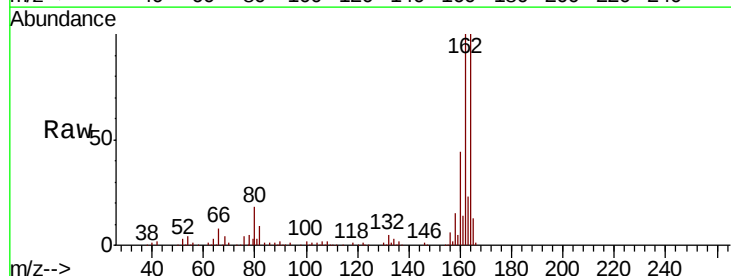
Instrument :
 BNA_F
 ClientSampleId :
 PB122923BL

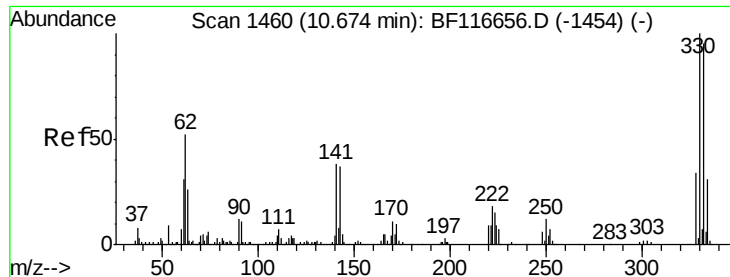
Tot Ion	82	Resp	770606
Ion Ratio	Lower	Upper	
82	100		
128	43.3	33.8	50.8
54	42.2	32.6	48.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF116899.D
 Acq: 9 Sep 2019 16:24

Tgt Ion	164	Resp	207986
Ion Ratio	Lower	Upper	
164	100		
162	99.5	80.6	121.0
160	43.8	35.4	53.2

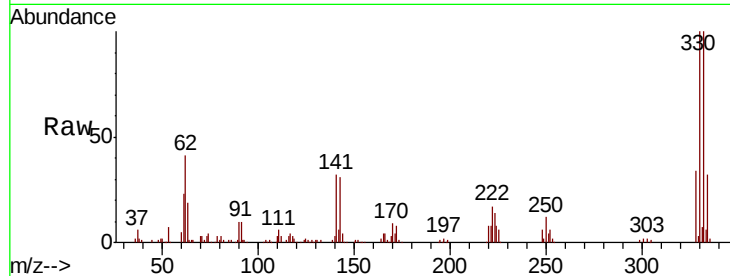




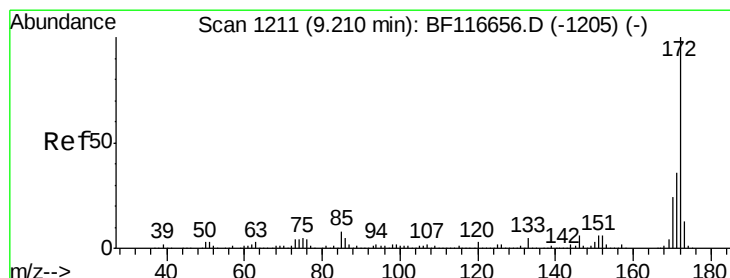
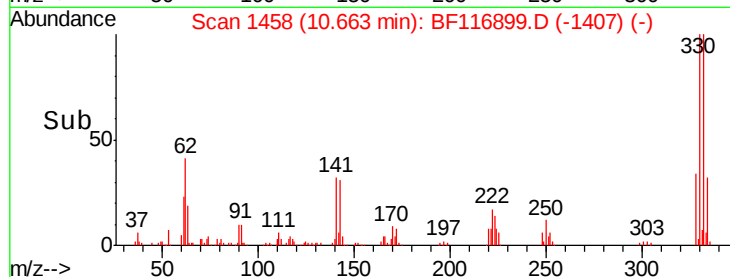
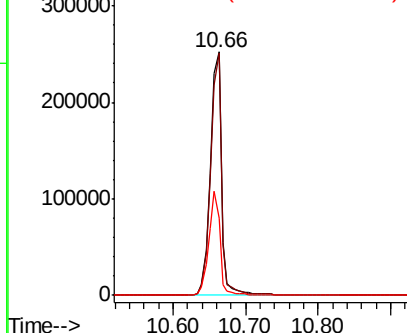
#42
 2,4,6-Tribromophenol
 Concen: 196.997 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF116899.D
 Acq: 9 Sep 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122923BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	42.3	35.2	52.8

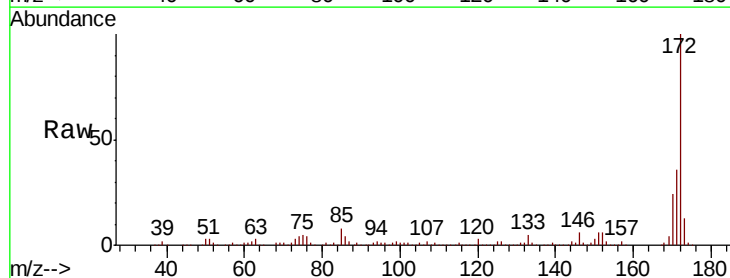


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

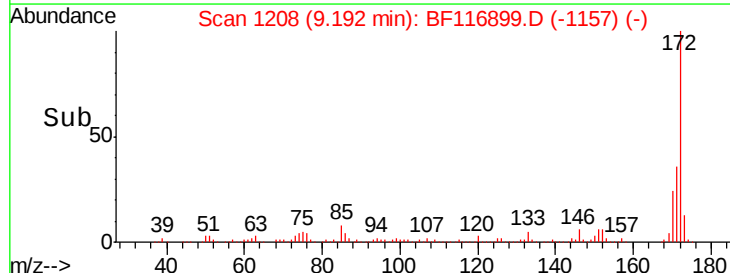
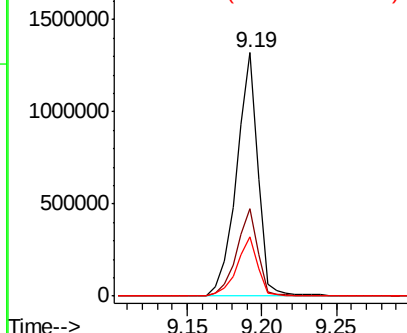


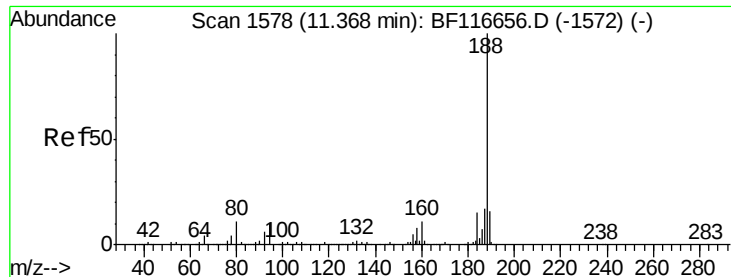
#45
 2-Fluorobiphenyl
 Concen: 107.891 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF116899.D
 Acq: 9 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.3	42.5
170	24.2	19.2	28.8



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

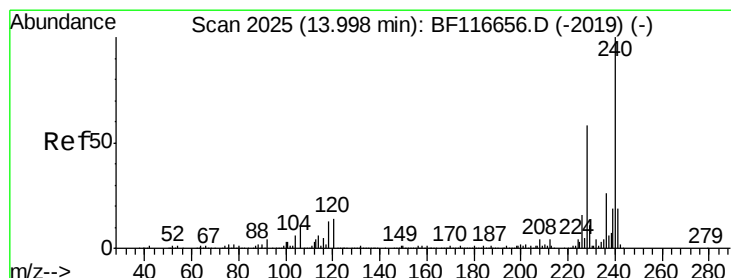
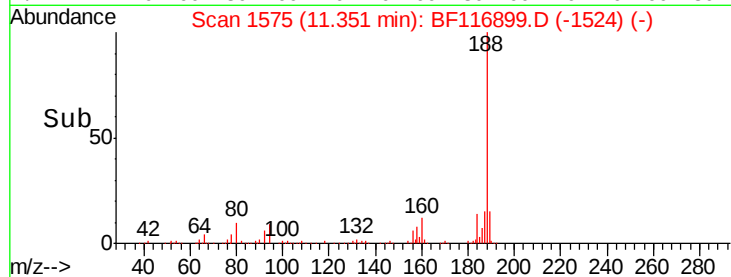
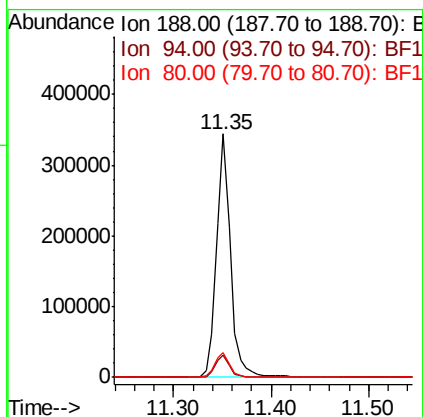
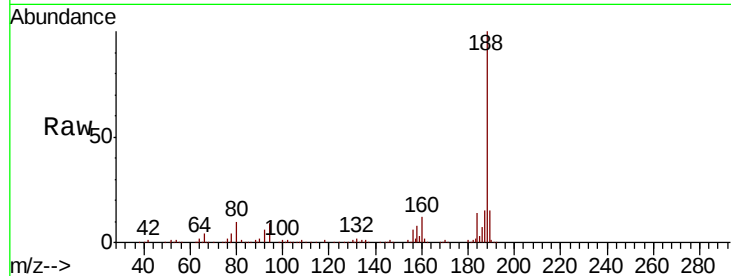




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

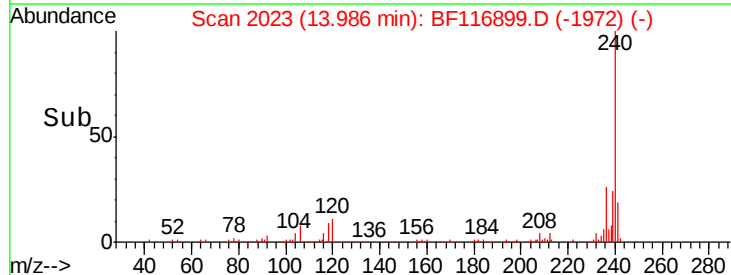
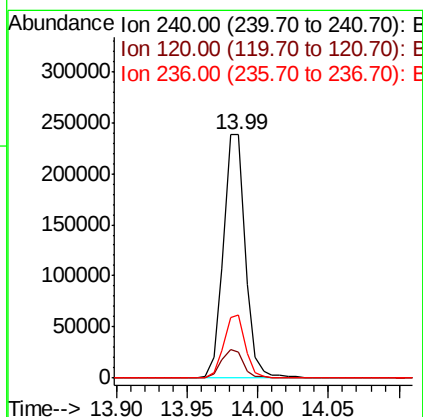
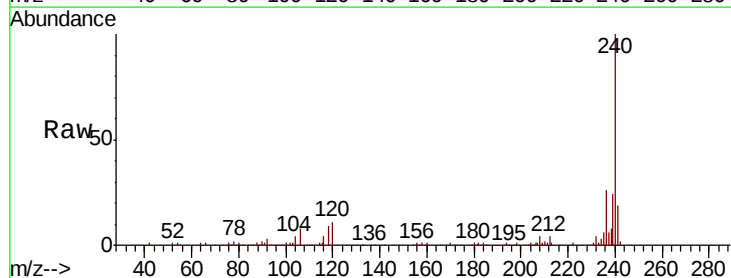
Instrument :
BNA_F
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PB122923BL

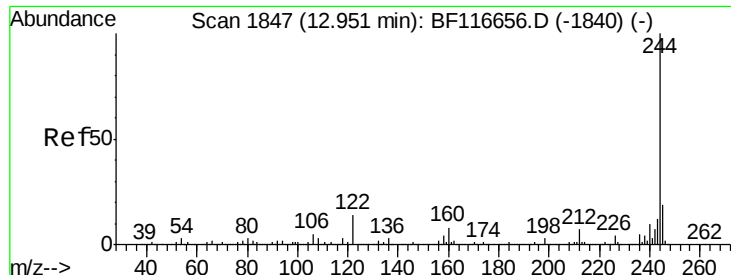
Tot Ion:188 Resp: 344389
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.3 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF116899.D
Acq: 9 Sep 2019 16:24

Tgt Ion:240 Resp: 259069
Ion Ratio Lower Upper
240 100
120 10.8 9.8 14.8
236 25.8 19.4 29.2





#79

Terphenyl-d14

Concen: 96.923 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BF116899.D

Acq: 9 Sep 2019 16:24

Instrument :

BNA_F

ClientSampleId :

PB122923BL

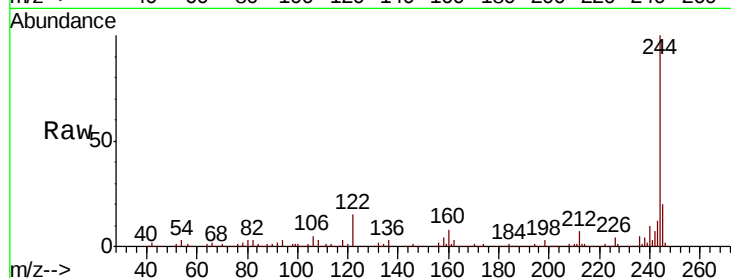
Tot Ion:244 Resp: 1357330

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

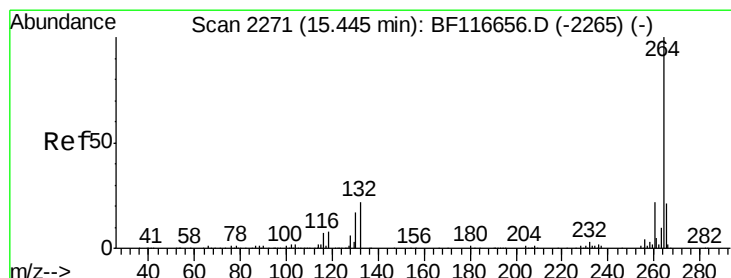
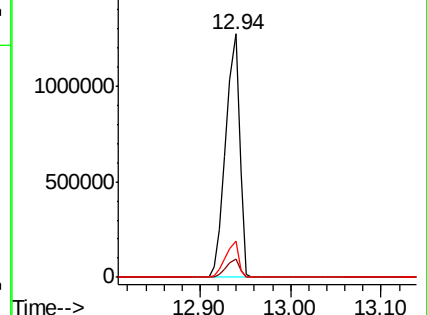
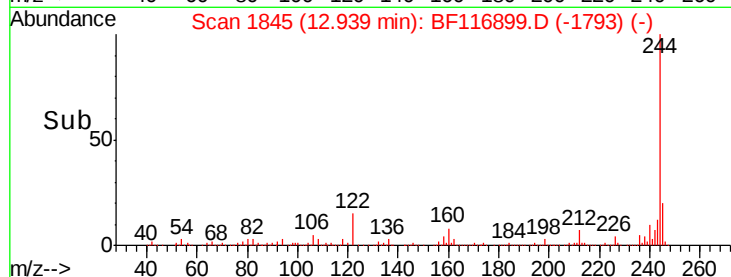
122 14.7 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF116899.D

Acq: 9 Sep 2019 16:24

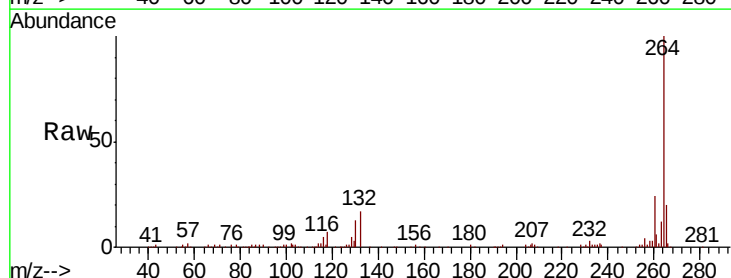
Tgt Ion:264 Resp: 229251

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 20.2 16.9 25.3



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

