

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114595.D
 Acq On : 25 May 2019 2:41
 Operator : JU/SJ
 Sample : K2970-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-S

Quant Time: May 27 03:41:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	148260	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	562258	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	266142	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	545266	20.00	ng	0.00
76) Chrysene-d12	13.98	240	369229	20.00	ng	0.00
87) Perylene-d12	15.44	264	379493	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	941529	102.20	ng	0.01
7) Phenol-d6	6.46	99	1121264	102.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	844264	84.27	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	335438	121.91	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1435271	81.58	ng	0.00
79) Terphenyl-d14	12.92	244	1648630	92.04	ng	0.00

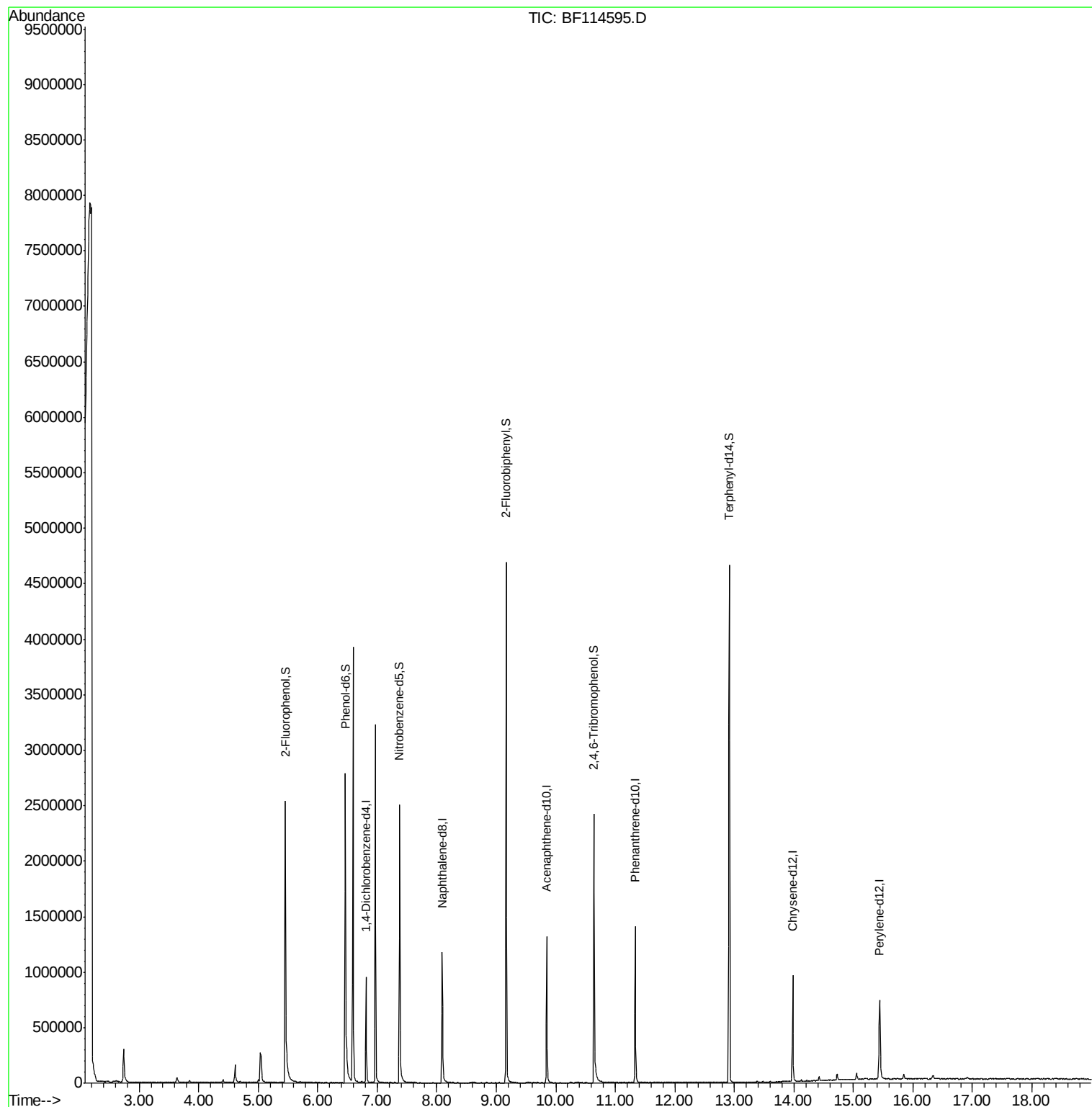
Target Compounds Qvalue

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

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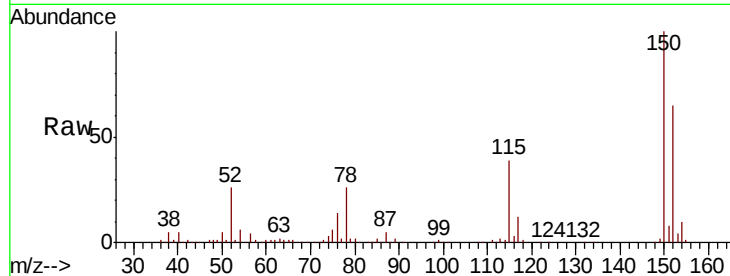


#1

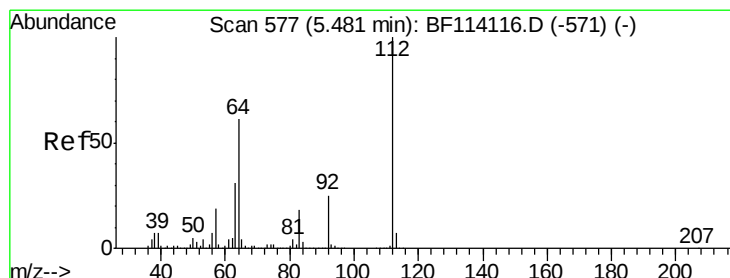
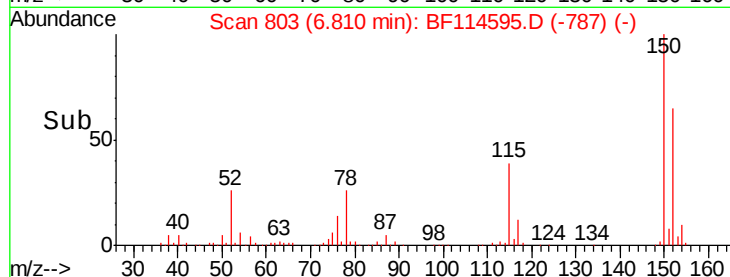
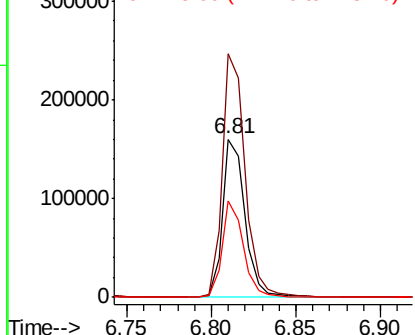
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114595.D
Acq: 25 May 2019 2:41

Instrument :
BNA_F
ClientSampleId :
TP-9-S

Tot Ion:152 Resp: 148260
Ion Ratio Lower Upper
152 100
150 154.0 124.3 186.5
115 60.8 49.1 73.7



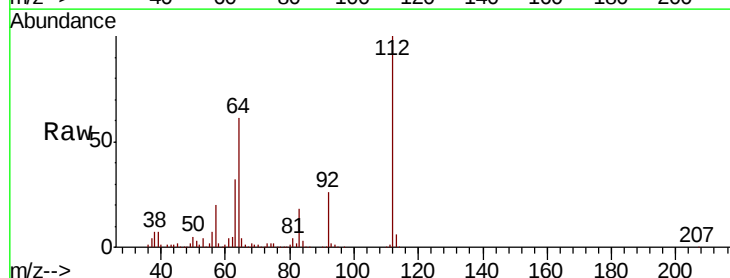
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



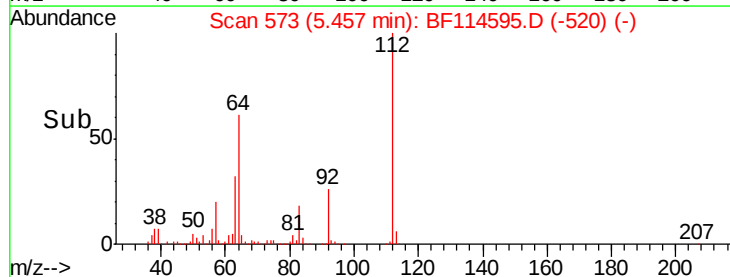
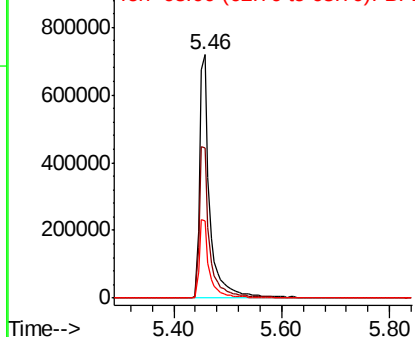
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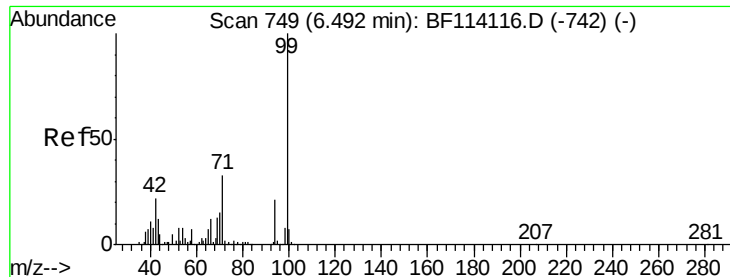
2-Fluorophenol
Concen: 102.197 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF114595.D
Acq: 25 May 2019 2:41

Tgt Ion:112 Resp: 941529
Ion Ratio Lower Upper
112 100
64 61.5 49.0 73.6
63 31.7 24.6 37.0



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: 102.902 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114595.D

Acq: 25 May 2019 2:41

Instrument :

BNA_F

ClientSampleId :

TP-9-S

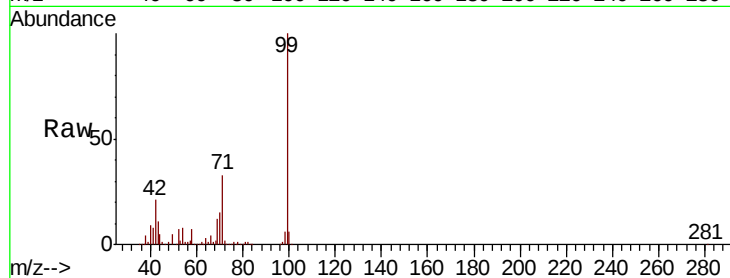
Tot Ion: 99 Resp: 1121264

Ion Ratio Lower Upper

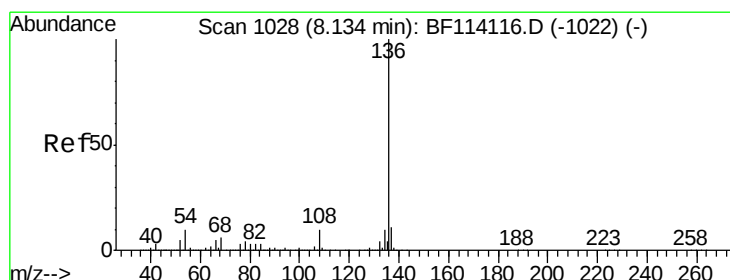
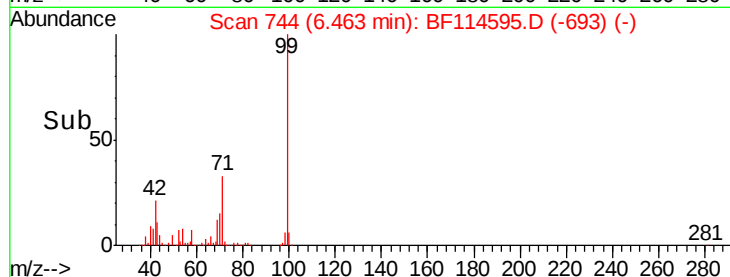
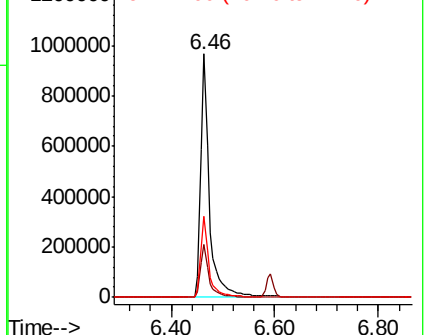
99 100

42 21.5 17.9 26.9

71 33.1 26.2 39.2



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114595.D

Acq: 25 May 2019 2:41

Tgt Ion: 136 Resp: 562258

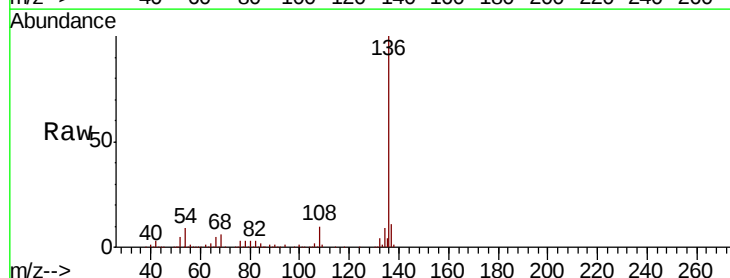
Ion Ratio Lower Upper

136 100

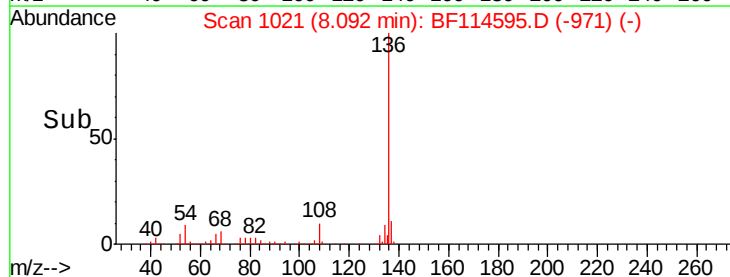
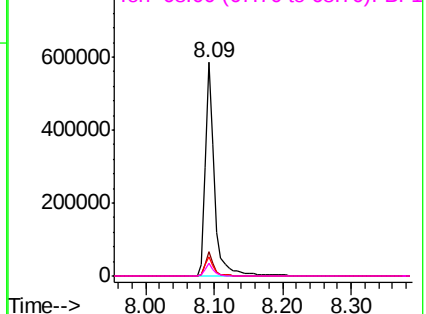
137 11.1 8.8 13.2

54 9.1 7.8 11.8

68 5.8 5.1 7.7



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

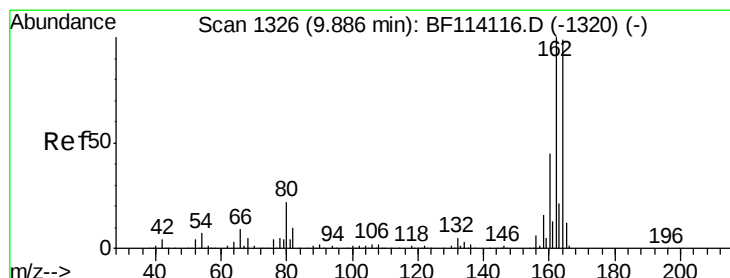
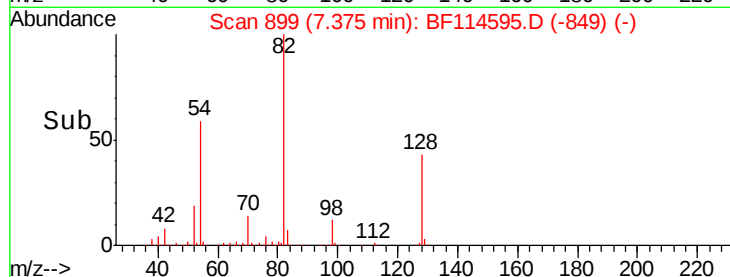
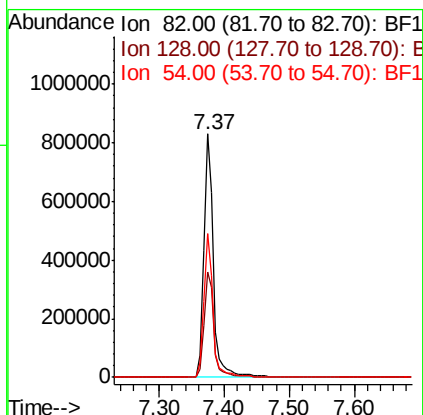
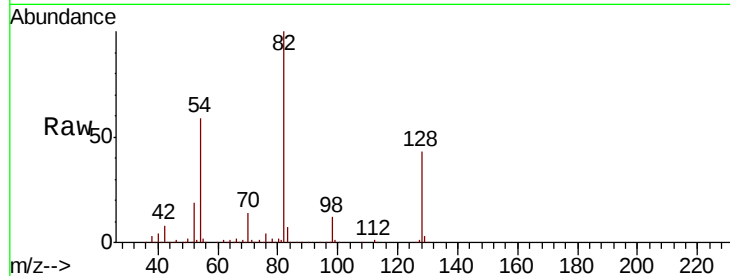




#23
 Nitrobenzene-d5
 Concen: 84.268 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF114595.D
 Acq: 25 May 2019 2:41

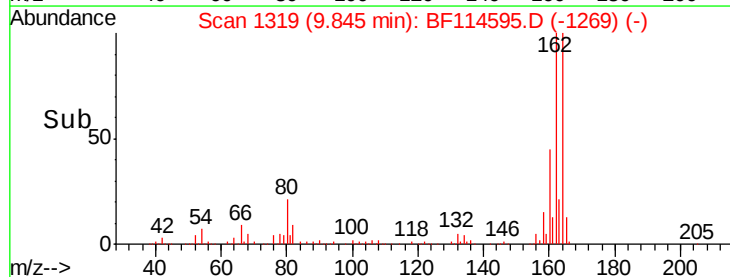
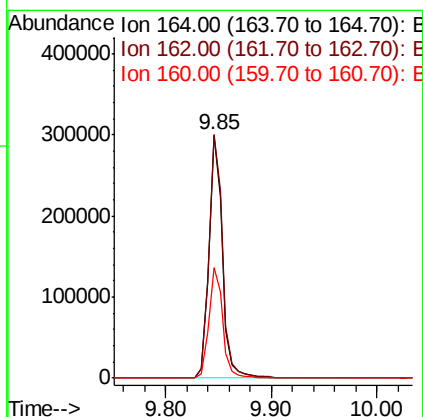
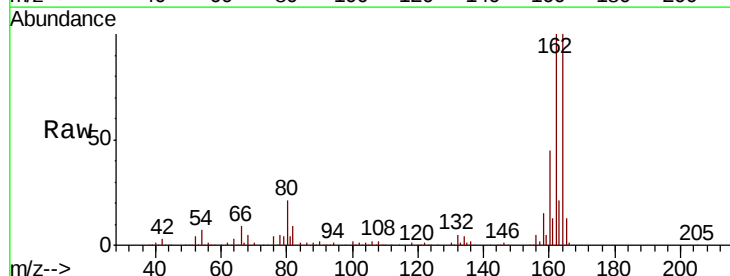
Instrument :
 BNA_F
 ClientSampled :
 TP-9-S

Tot Ion	82	Resp	844264
Ion Ratio	Lower	Upper	
82	100		
128	43.3	35.5	53.3
54	58.8	48.5	72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114595.D
 Acq: 25 May 2019 2:41

Tgt Ion	164	Resp	266142
Ion Ratio	Lower	Upper	
164	100		
162	100.2	80.6	120.8
160	45.6	36.5	54.7

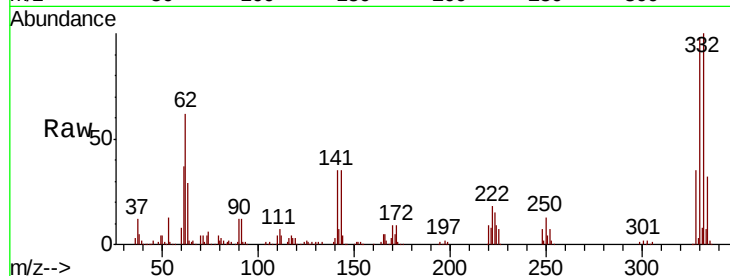




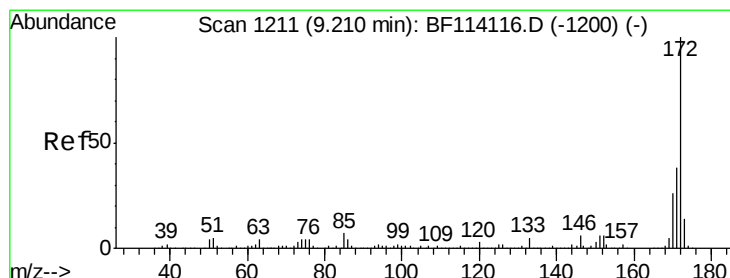
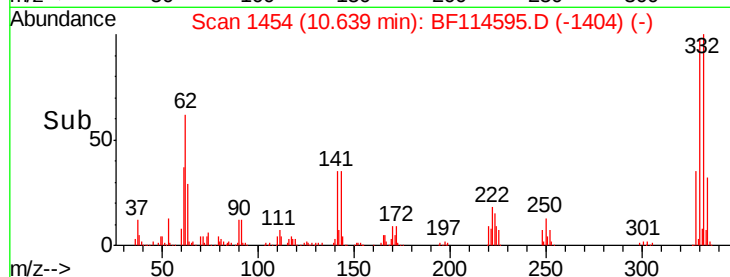
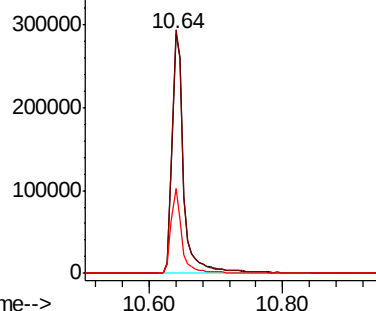
#42
 2,4,6-Tribromophenol
 Concen: 121.913 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114595.D
 Acq: 25 May 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.1	81.4	122.2
141	32.8	26.6	40.0

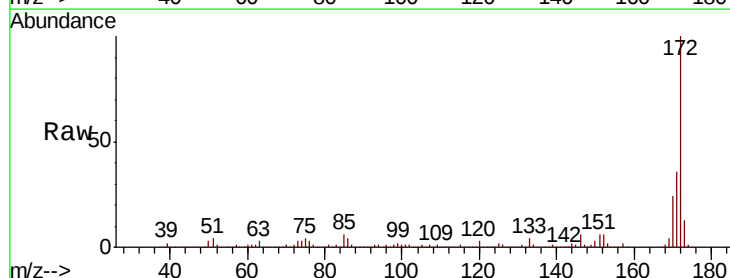


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

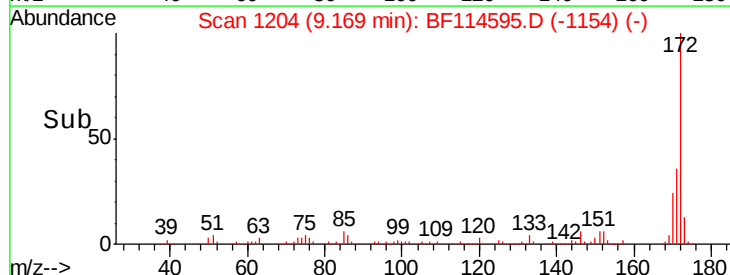
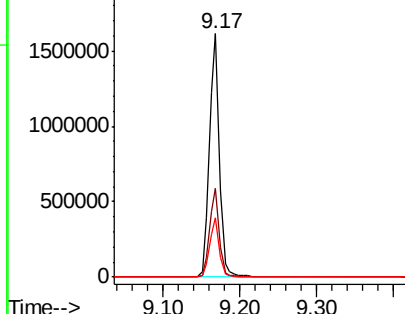


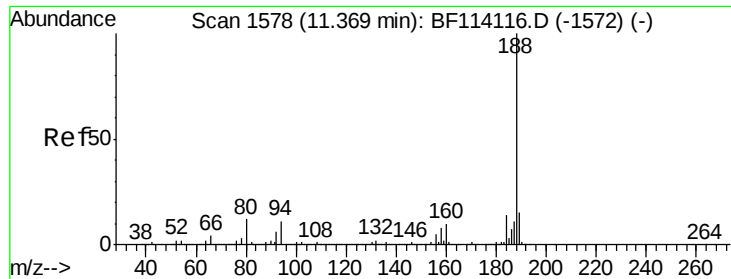
#45
 2-Fluorobiphenyl
 Concen: 81.576 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114595.D
 Acq: 25 May 2019 2:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.7	46.1
170	24.4	20.5	30.7



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

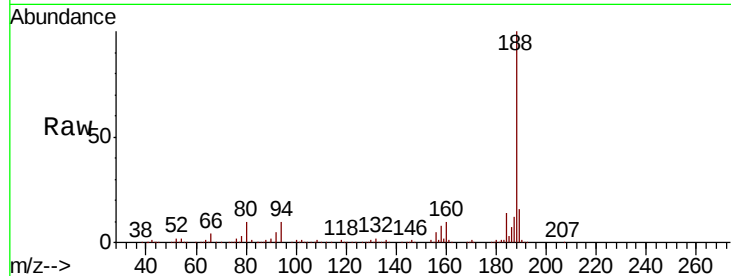




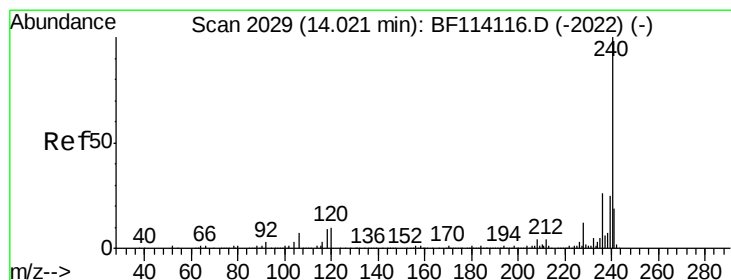
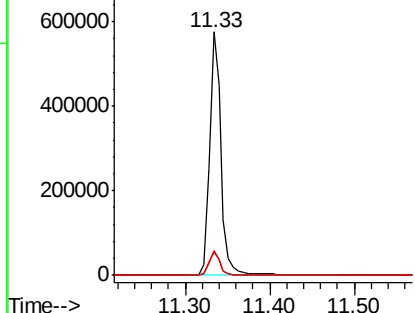
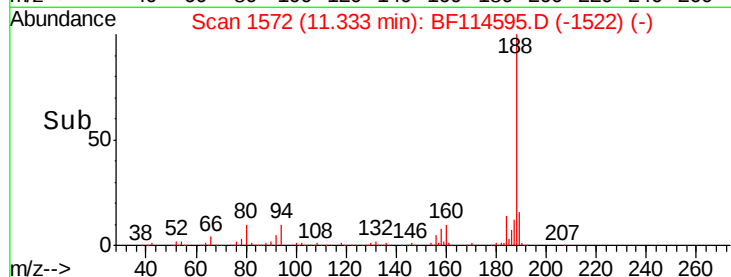
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF114595.D
 Acq: 25 May 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-S

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.4	12.6
80	10.4	9.2	13.8

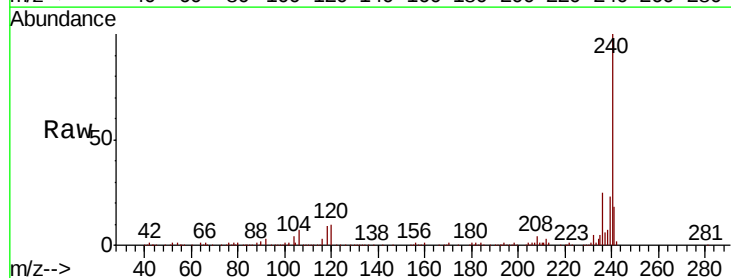


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

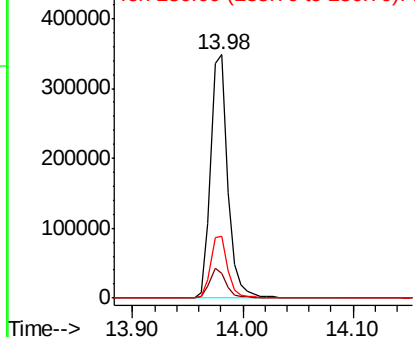
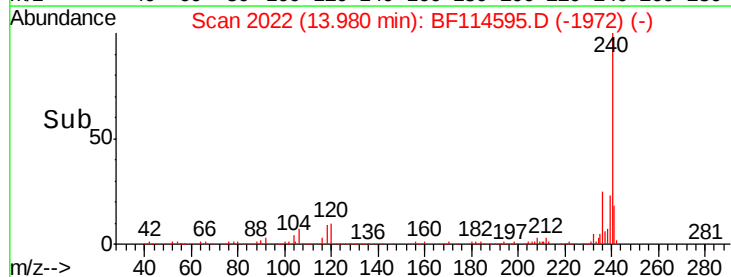


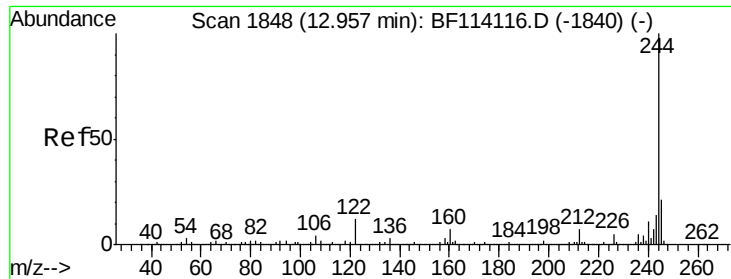
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114595.D
 Acq: 25 May 2019 2:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	25.3	20.8	31.2



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



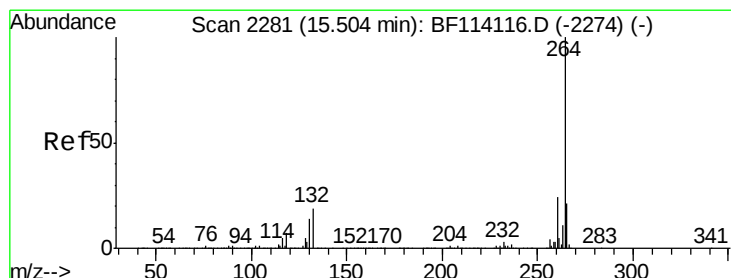
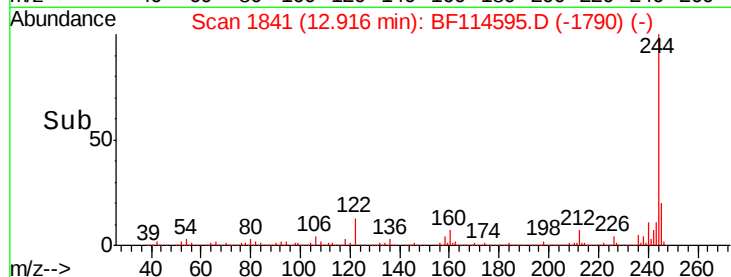
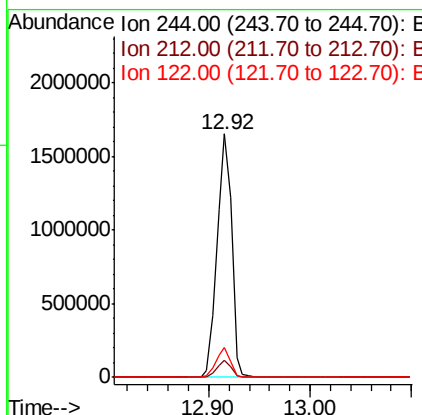
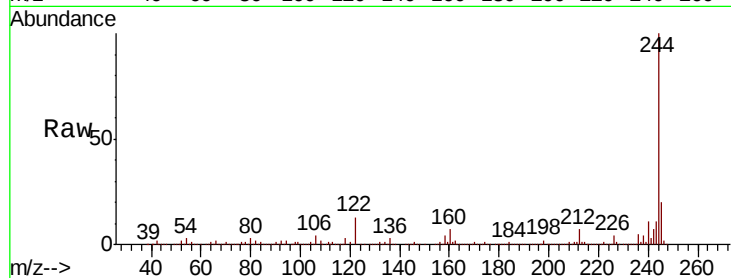


#79
 Terphenyl-d14
 Concen: 92.044 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114595.D
 Acq: 25 May 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-S

Tot Ion:244 Resp: 1648630

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	12.5	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF114595.D
 Acq: 25 May 2019 2:41

Tgt Ion:264 Resp: 379493

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.8	16.9	25.3

