

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\  
 Data File : BF114802.D  
 Acq On : 4 Jun 2019 20:21  
 Operator : HP/JU  
 Sample : K3139-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1A-S

Quant Time: Jun 05 04:48:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 04 16:57:15 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	208747	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	796517	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	401565	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	827523	20.00	ng	0.00
76) Chrysene-d12	13.78	240	686724	20.00	ng	-0.01
87) Perylene-d12	15.16	264	720952	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1437409	120.32	ng	0.00
7) Phenol-d6	6.30	99	1590020	109.38	ng	0.00
23) Nitrobenzene-d5	7.22	82	1165976	90.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	586257	135.47	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	2294964	107.06	ng	0.00
79) Terphenyl-d14	12.74	244	2870904	81.30	ng	0.00

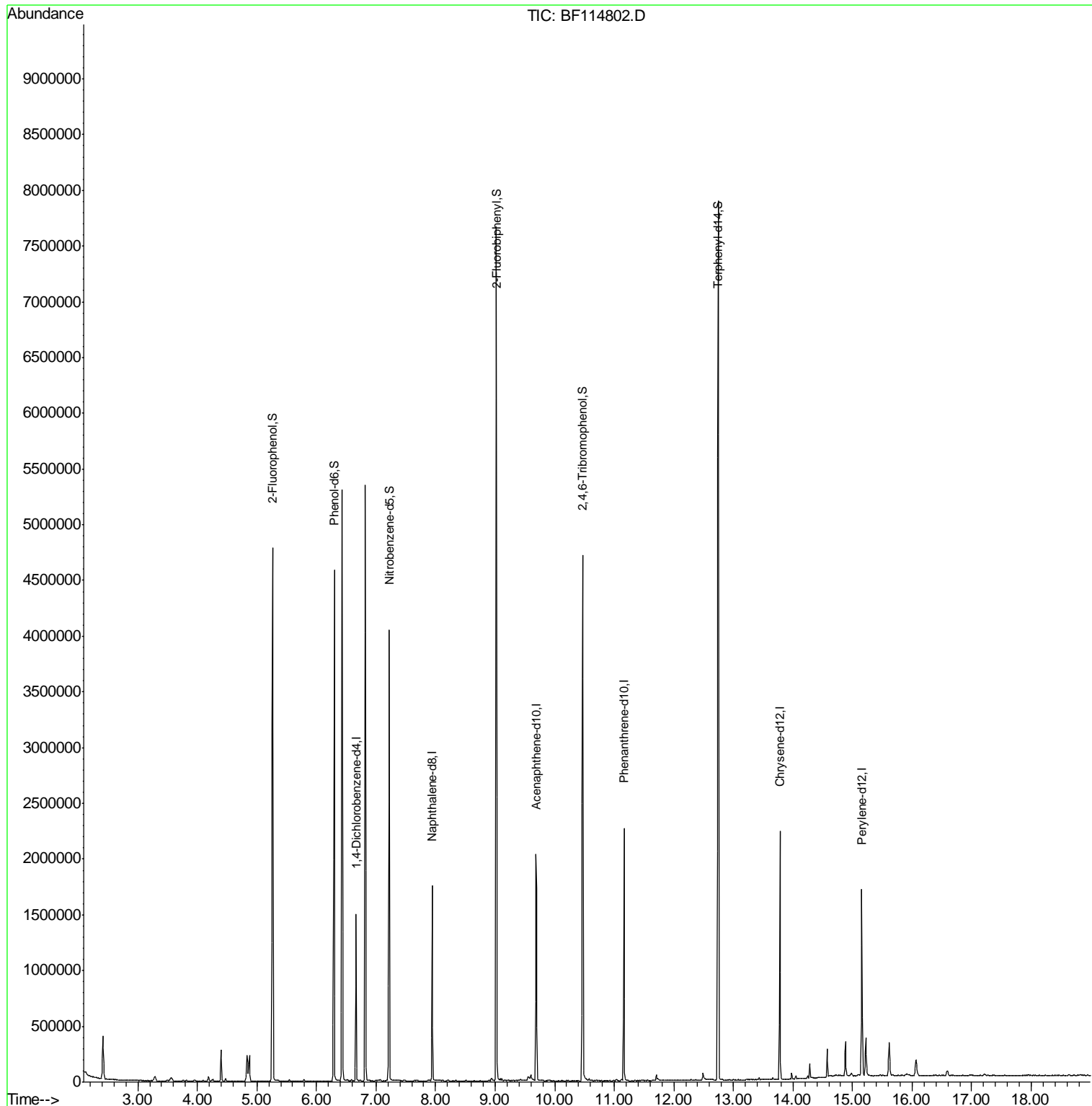
Target Compounds Qvalue

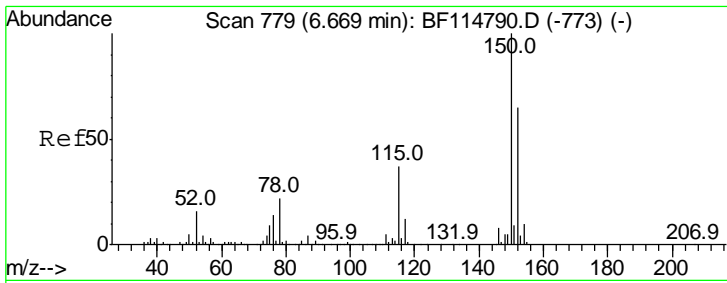
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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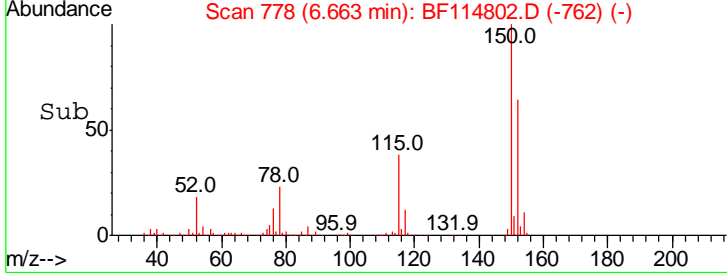
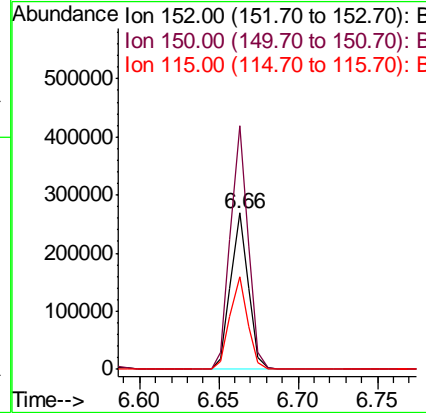
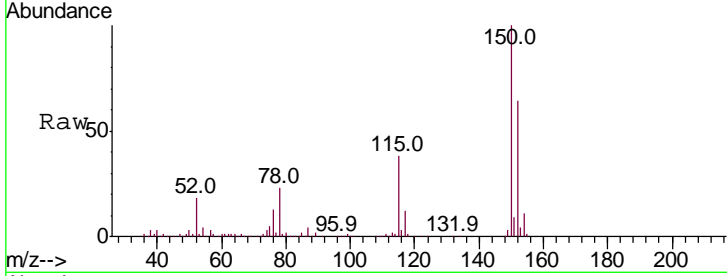




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.66 min Scan# 778  
 Delta R.T. -0.01 min  
 Lab File: BF114802.D  
 Acq: 4 Jun 2019 20:21

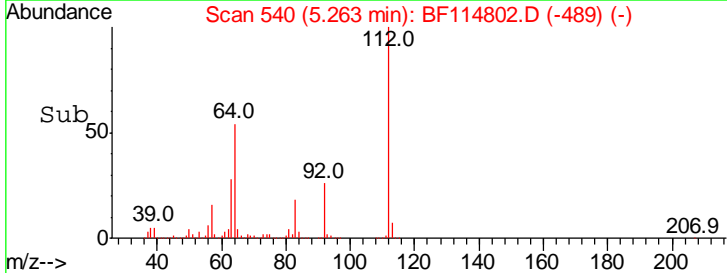
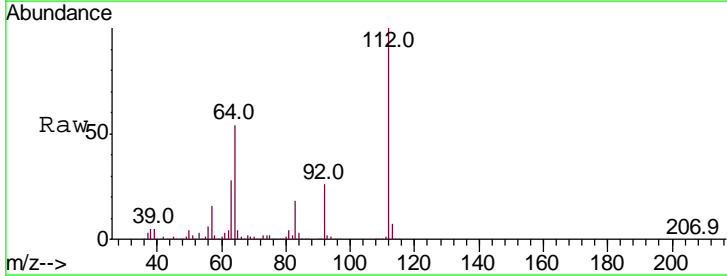
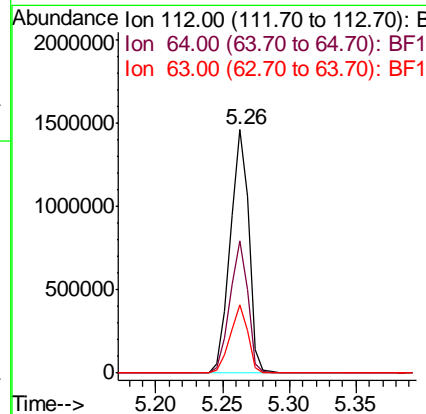
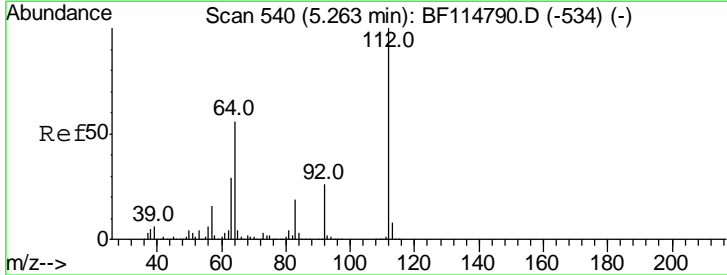
Instrument :  
 BNA\_F  
 ClientSampleID :  
 TP-1A-S

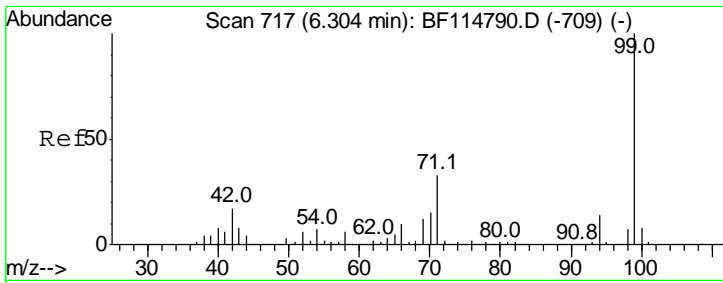
Tgt Ion	Resp	Lower	Upper
152	100		
150	155.7	124.0	186.0
115	59.3	46.3	69.5



#5  
 2-Fluorophenol  
 Concen: 120.321 ng  
 RT: 5.26 min Scan# 540  
 Delta R.T. -0.00 min  
 Lab File: BF114802.D  
 Acq: 4 Jun 2019 20:21

Tgt Ion	Resp	Lower	Upper
112	100		
64	54.3	44.6	66.8
63	27.9	23.0	34.4



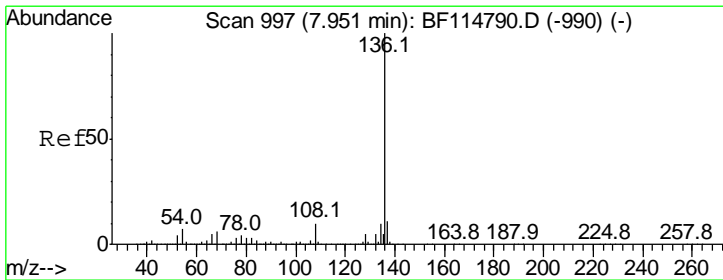
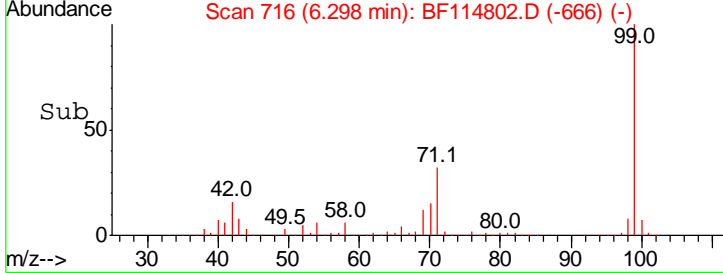
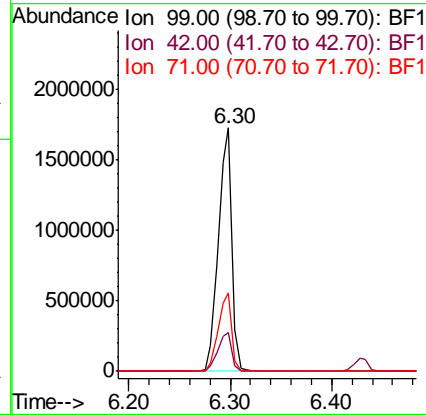
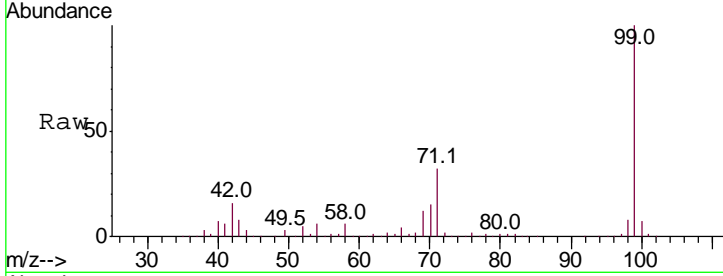


#7  
 Phenol-d6  
 Concen: 109.381 ng  
 RT: 6.30 min Scan# 716  
 Delta R.T. -0.01 min  
 Lab File: BF114802.D  
 Acq: 4 Jun 2019 20:21

Instrument :  
 BNA\_F  
 ClientSampleID :  
 TP-1A-S

Tgt Ion: 99 Resp: 1590020

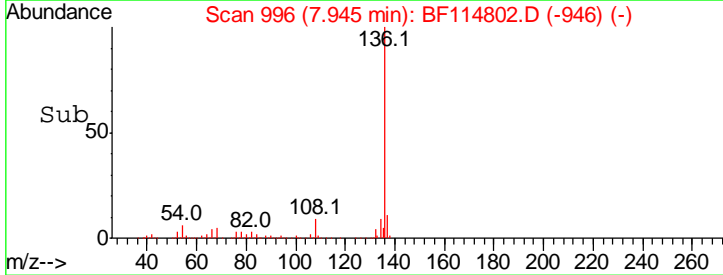
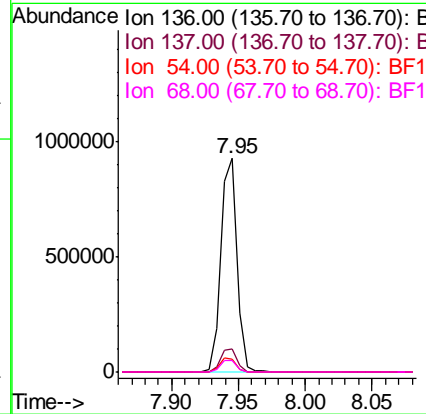
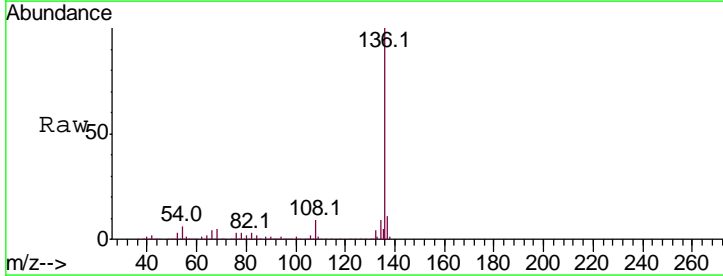
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.3	19.9
71	32.3	26.3	39.5

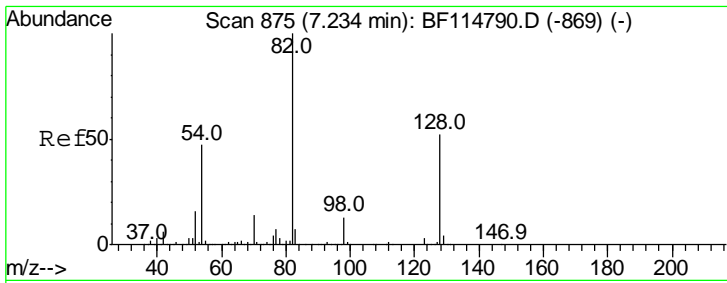


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 7.95 min Scan# 996  
 Delta R.T. -0.01 min  
 Lab File: BF114802.D  
 Acq: 4 Jun 2019 20:21

Tgt Ion: 136 Resp: 796517

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.9	5.4	8.0
68	5.2	4.6	6.8

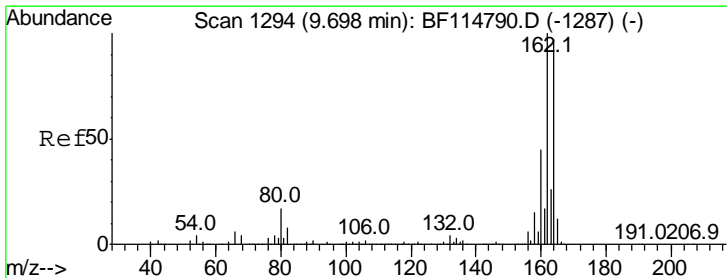
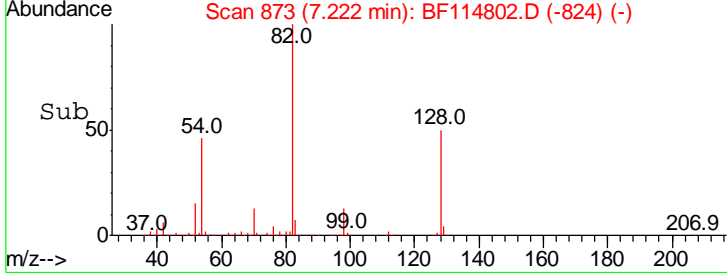
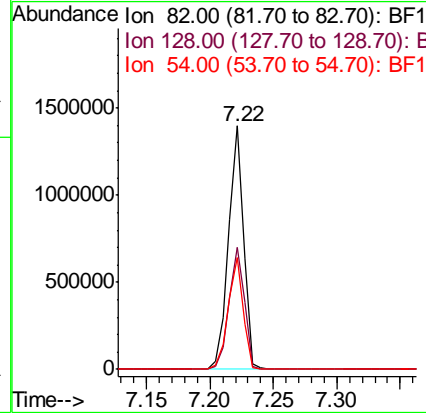
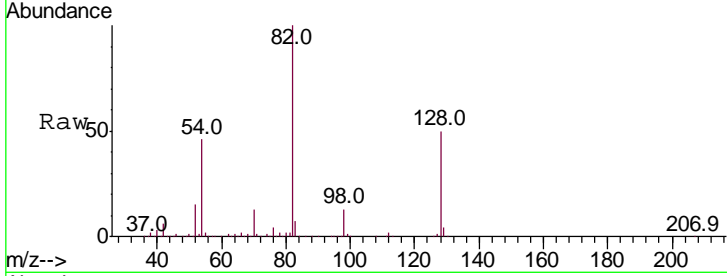




#23  
 Nitrobenzene-d5  
 Concen: 90.112 ng  
 RT: 7.22 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: BF114802.D  
 Acq: 4 Jun 2019 20:21

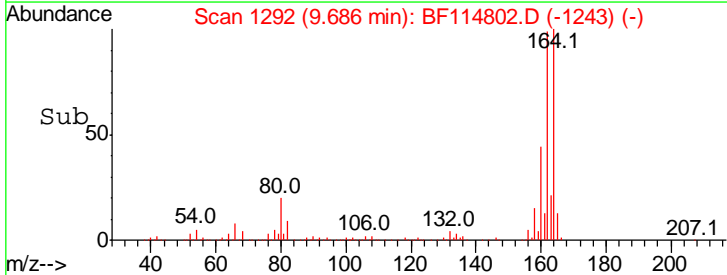
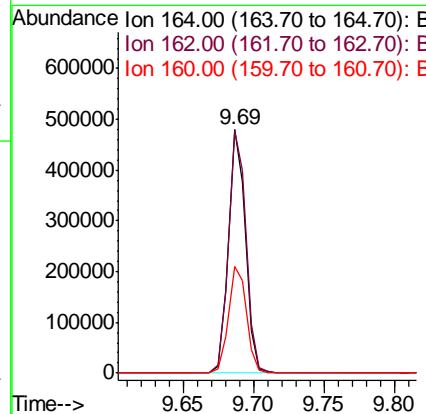
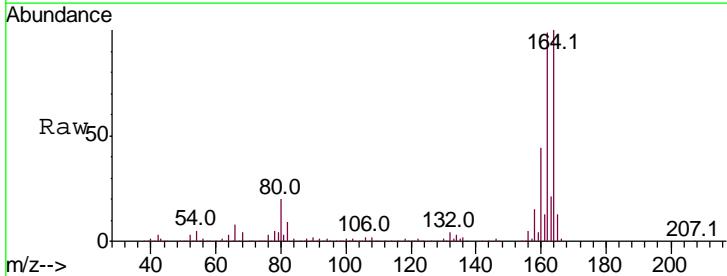
Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-1A-S

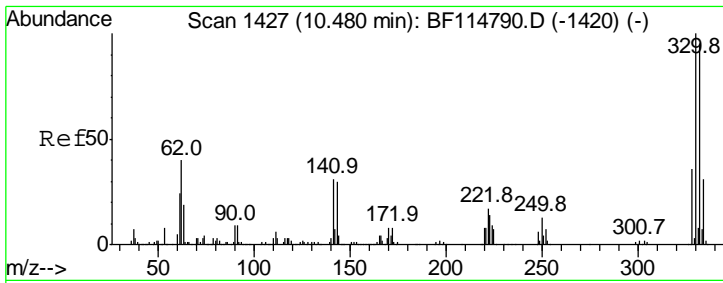
Tgt Ion	Resp	Lower	Upper
82	1165976		
82	100		
128	50.3	41.8	62.6
54	46.1	37.9	56.9



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.69 min Scan# 1292  
 Delta R.T. -0.01 min  
 Lab File: BF114802.D  
 Acq: 4 Jun 2019 20:21

Tgt Ion	Resp	Lower	Upper
164	401565		
164	100		
162	99.3	82.3	123.5
160	43.6	36.7	55.1

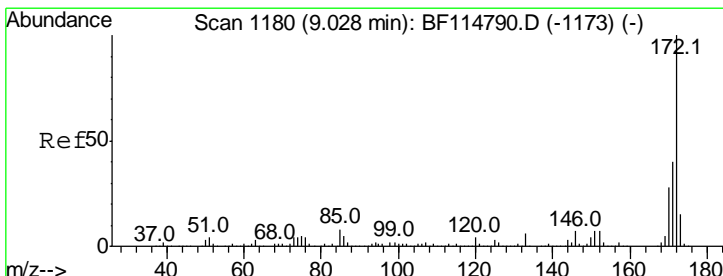
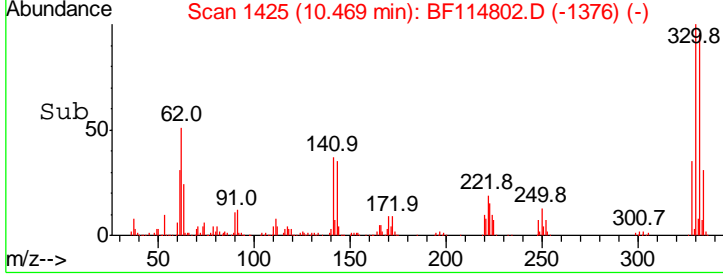
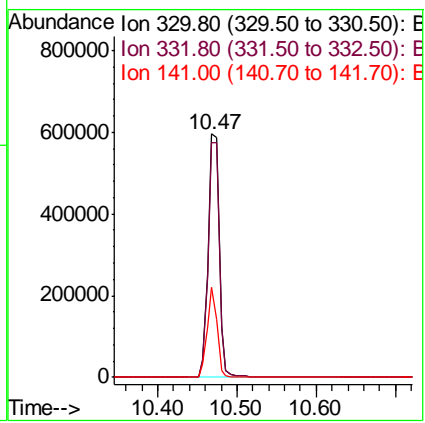
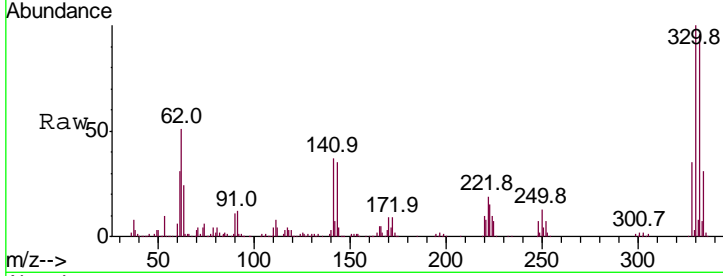




#42  
 2,4,6-Tribromophenol  
 Concen: 135.473 ng  
 RT: 10.47 min Scan# 1425  
 Delta R.T. -0.01 min  
 Lab File: BF114802.D  
 Acq: 4 Jun 2019 20:21

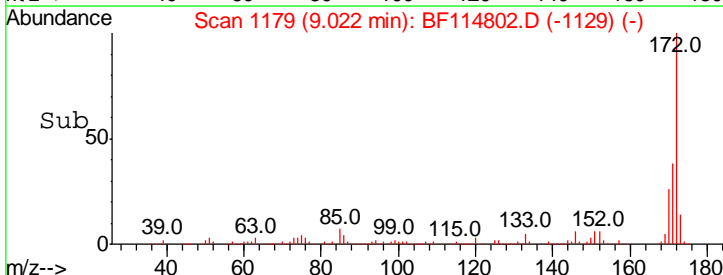
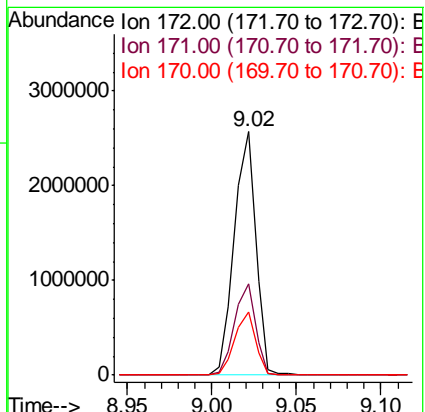
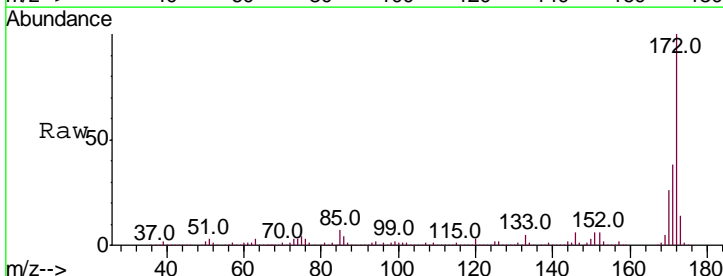
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 BNA\_F  
 ClientSampled :  
 TP-1A-S

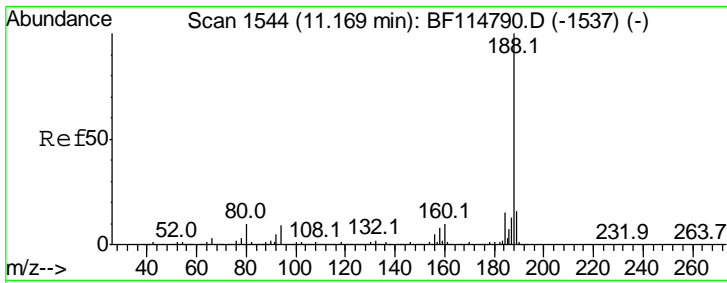
Tgt Ion	Resp	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	33.1	26.2	39.4



#45  
 2-Fluorobiphenyl  
 Concen: 107.059 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. -0.01 min  
 Lab File: BF114802.D  
 Acq: 4 Jun 2019 20:21

Tgt Ion	Resp	Lower	Upper
172	100		
171	37.7	32.3	48.5
170	25.8	22.4	33.6

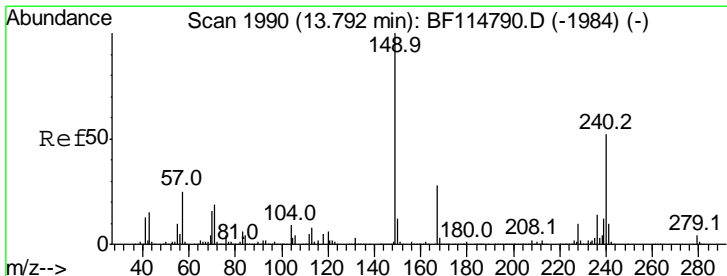
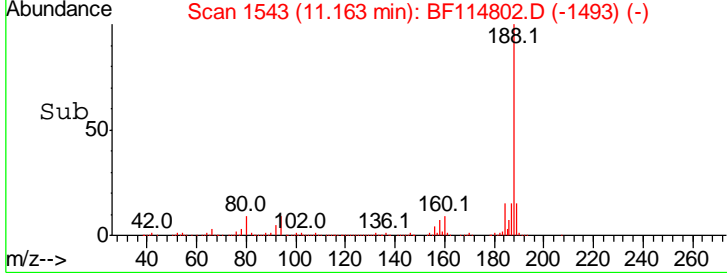
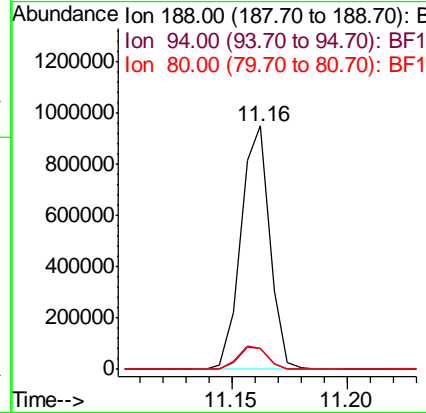
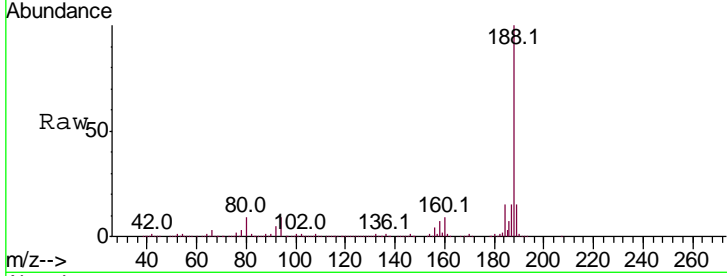




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.16 min Scan# 1543  
 Delta R.T. -0.01 min  
 Lab File: BF114802.D  
 Acq: 4 Jun 2019 20:21

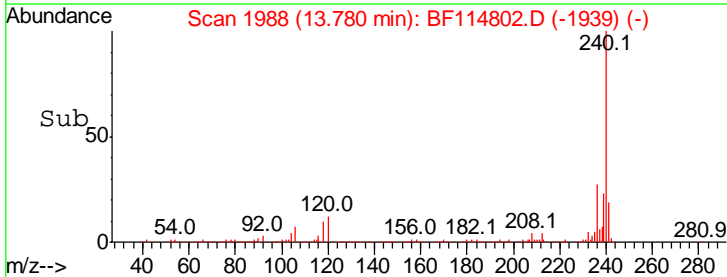
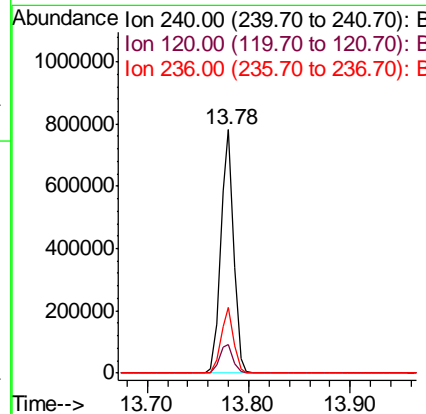
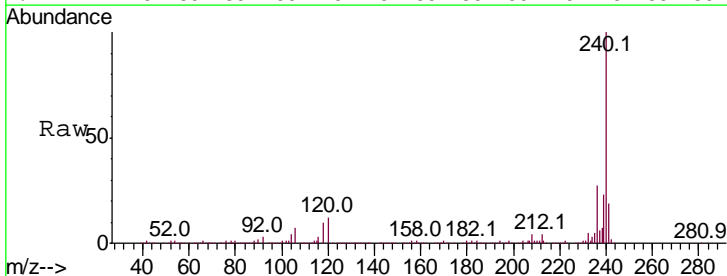
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 TP-1A-S

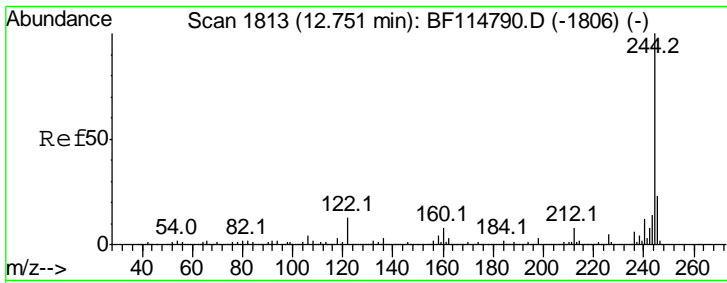
Tgt Ion	Resp	Lower	Upper
188	100		
94	8.5	7.6	11.4
80	8.7	8.3	12.5



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.78 min Scan# 1988  
 Delta R.T. -0.01 min  
 Lab File: BF114802.D  
 Acq: 4 Jun 2019 20:21

Tgt Ion	Resp	Lower	Upper
240	100		
120	11.6	9.0	13.4
236	26.8	21.4	32.0



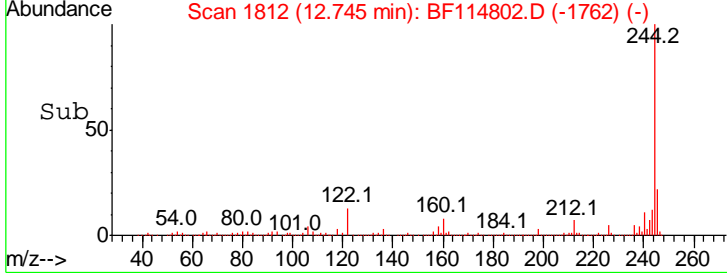
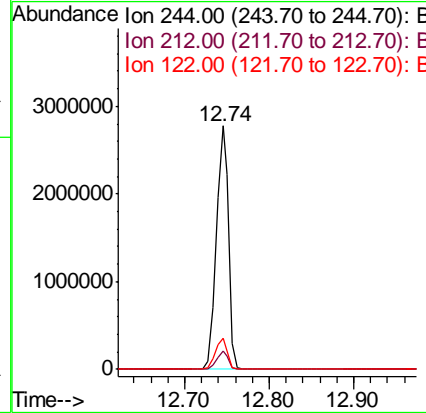
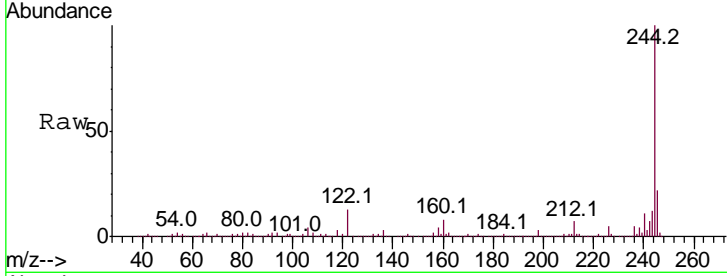


#79  
 Terphenyl-d14  
 Concen: 81.302 ng  
 RT: 12.74 min Scan# 1812  
 Delta R.T. -0.01 min  
 Lab File: BF114802.D  
 Acq: 4 Jun 2019 20:21

Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-1A-S

Tgt Ion: 244 Resp: 2870904

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	12.8	10.5	15.7



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.16 min Scan# 2222  
 Delta R.T. -0.02 min  
 Lab File: BF114802.D  
 Acq: 4 Jun 2019 20:21

Tgt Ion: 264 Resp: 720952

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	22.1	17.7	26.5

