

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124645.D
 Acq On : 21 Jul 2021 00:53
 Operator : JU/CG
 Sample : M3089-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-N2-(A-D)-(0-12)

Quant Time: Jul 21 03:14:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:36:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

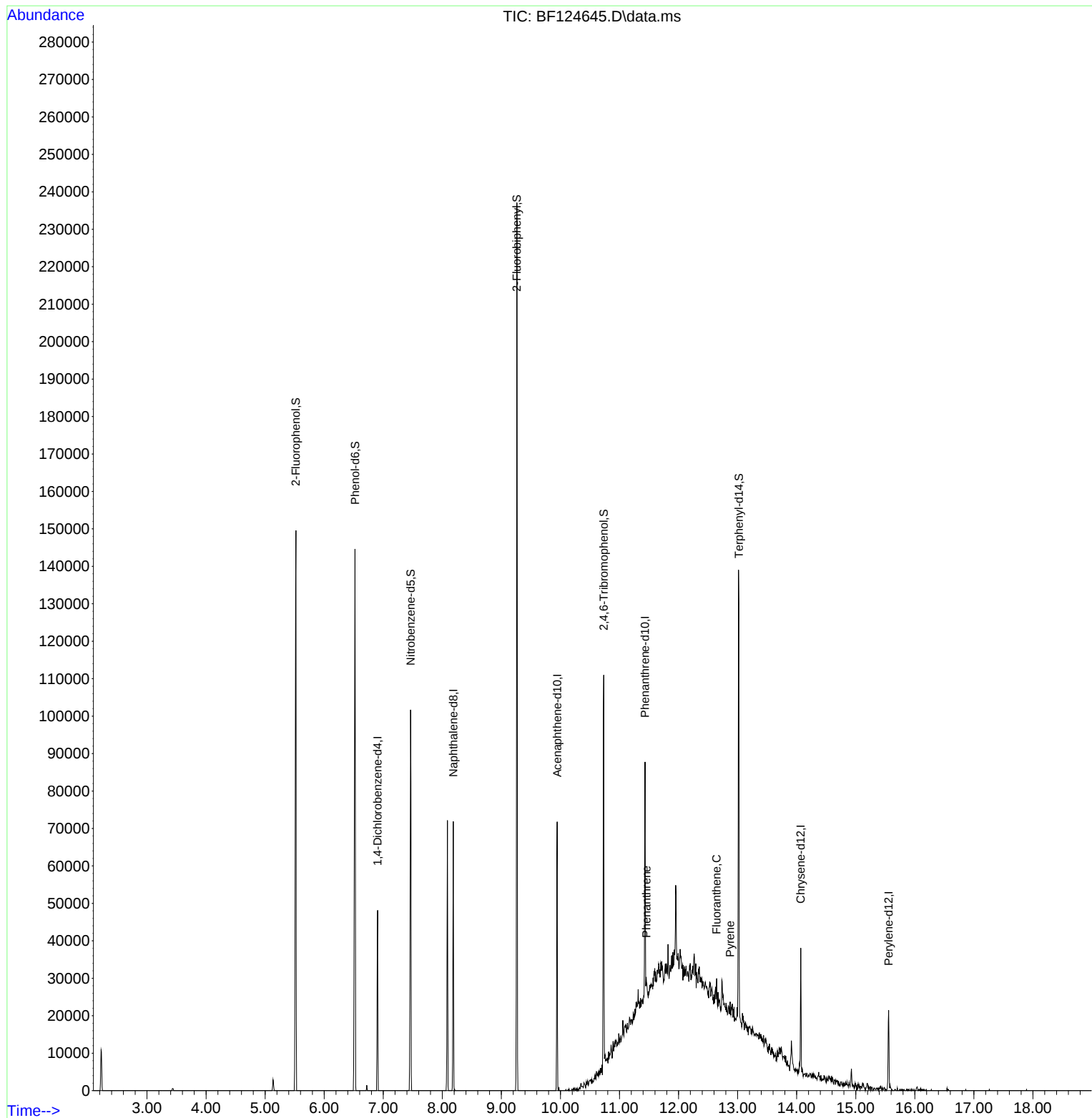
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	7338	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	28965	20.000	ng	#-0.02
39) Acenaphthene-d10	9.945	164	14999	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	19816	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	11064	20.000	ng	-0.02
86) Perylene-d12	15.557	264	10592	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	43180	101.952	ng	-0.01
7) Phenol-d6	6.522	99	50821	98.638	ng	-0.02
23) Nitrobenzene-d5	7.463	82	31579	68.824	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	10106	86.583	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	67894	66.008	ng	-0.02
79) Terphenyl-d14	13.021	244	38519	58.461	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	11.457	178	2662	2.462	ng	96
75) Fluoranthene	12.645	202	2390	2.191	ng	89
78) Pyrene	12.874	202	2059	2.240	ng	# 87

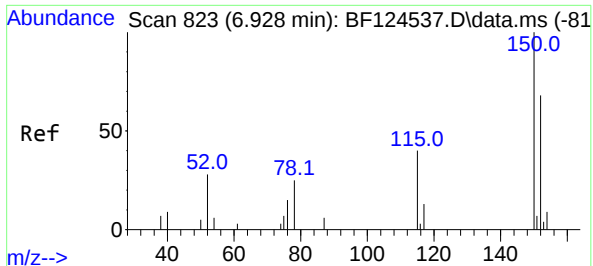
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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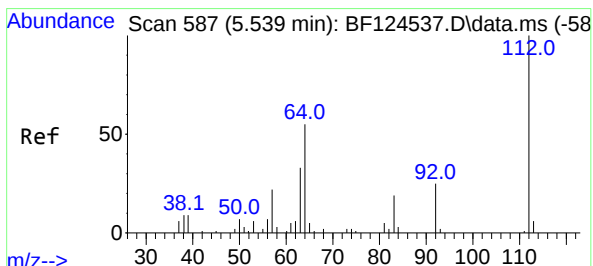
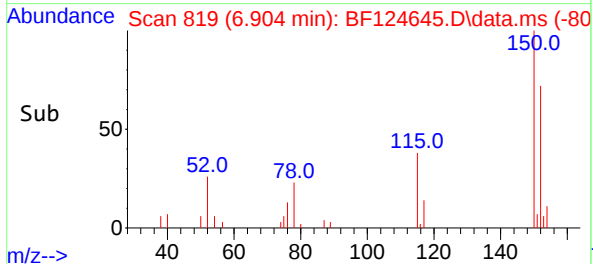
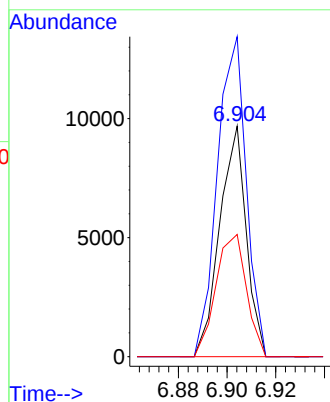
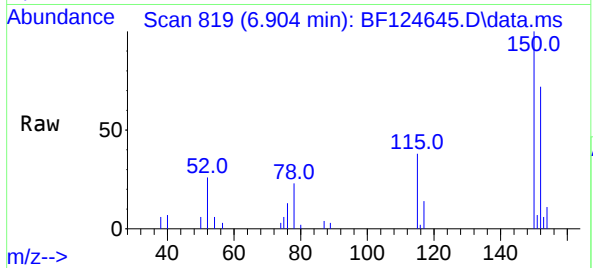




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124645.D
Acq: 21 Jul 2021 00:53

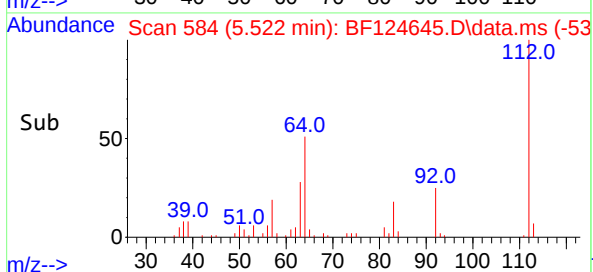
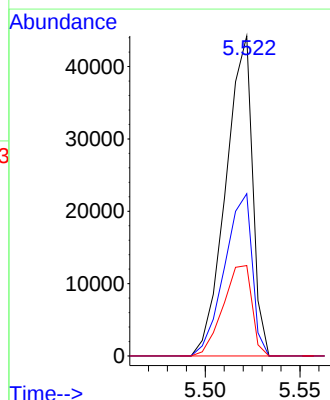
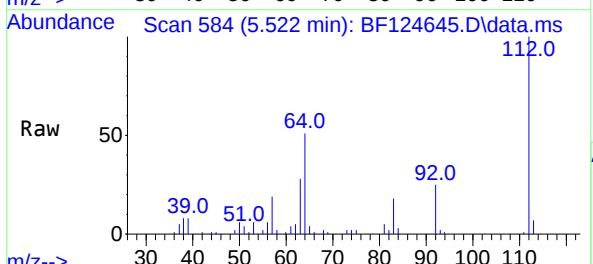
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

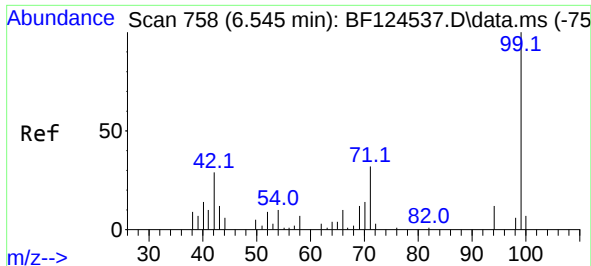
Tgt Ion:152 Resp: 7338
Ion Ratio Lower Upper
152 100
150 138.7 117.6 176.4
115 53.0 47.1 70.7



#5
2-Fluorophenol
Concen: 101.952 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.012 min
Lab File: BF124645.D
Acq: 21 Jul 2021 00:53

Tgt Ion:112 Resp: 43180
Ion Ratio Lower Upper
112 100
64 50.7 44.2 66.2
63 28.3 26.2 39.2



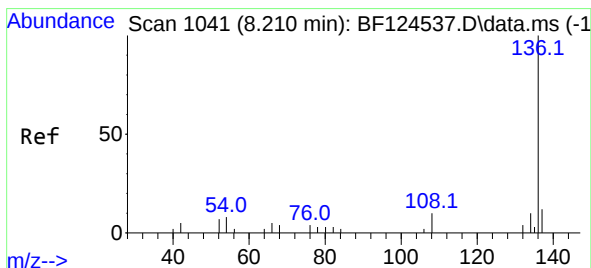
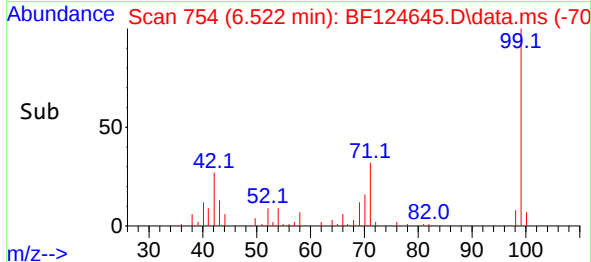
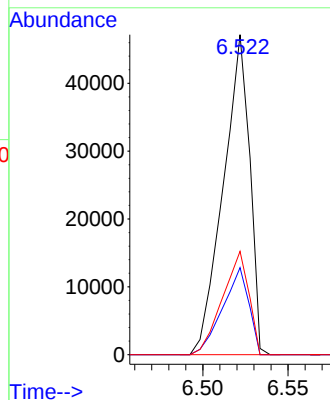
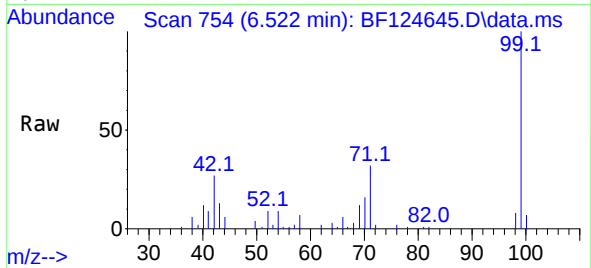


#7
Phenol-d6
Concen: 98.638 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.023 min
Lab File: BF124645.D
Acq: 21 Jul 2021 00:53

Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

Tgt Ion: 99 Resp: 50821

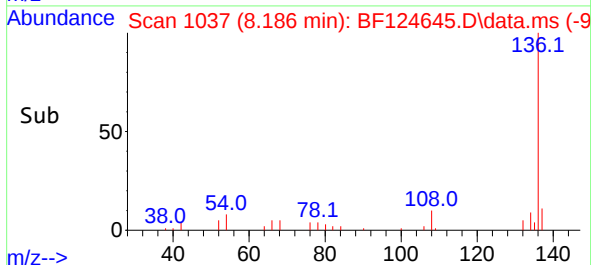
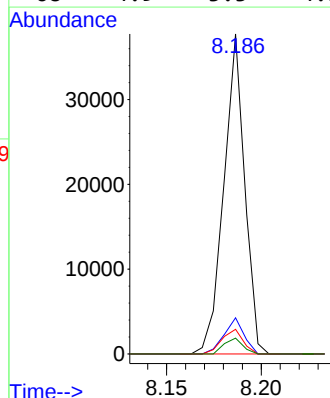
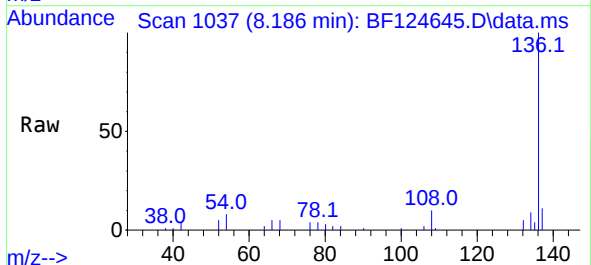
Ion	Ratio	Lower	Upper
99	100		
42	27.2	23.5	35.3
71	32.3	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124645.D
Acq: 21 Jul 2021 00:53

Tgt Ion: 136 Resp: 28965

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.6
54	7.7	6.4	9.6
68	4.9	3.3	4.9

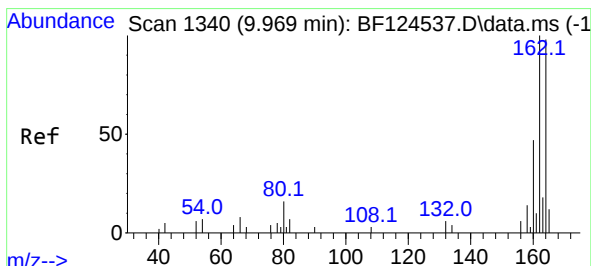
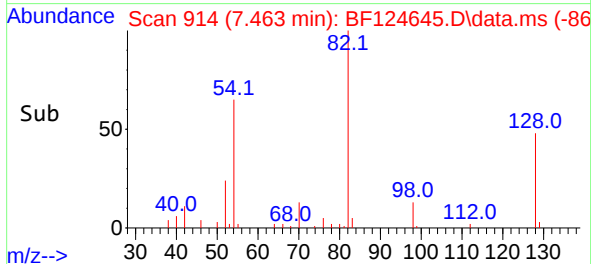
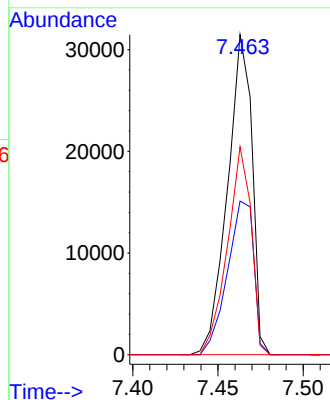
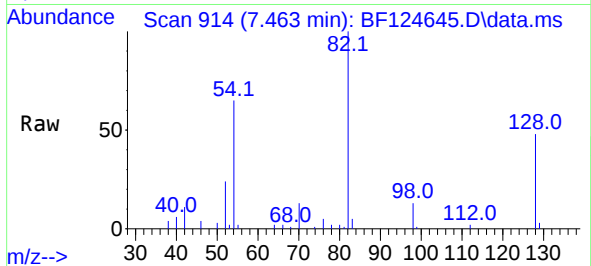




#23
Nitrobenzene-d5
Concen: 68.824 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.023 min
Lab File: BF124645.D
Acq: 21 Jul 2021 00:53

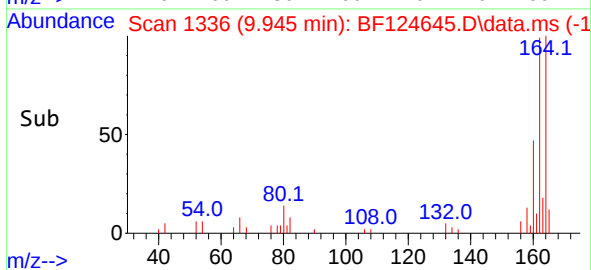
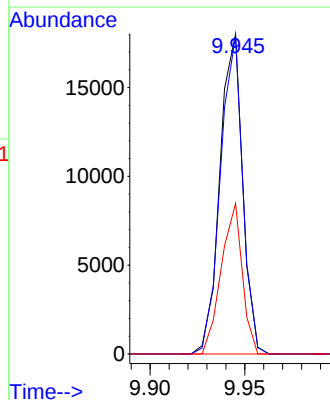
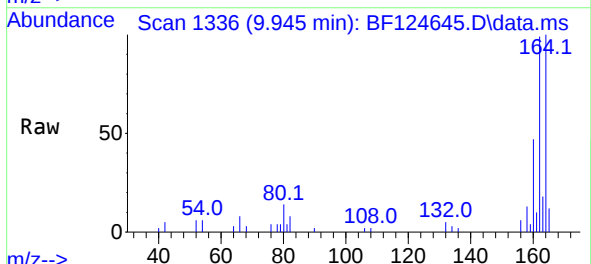
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

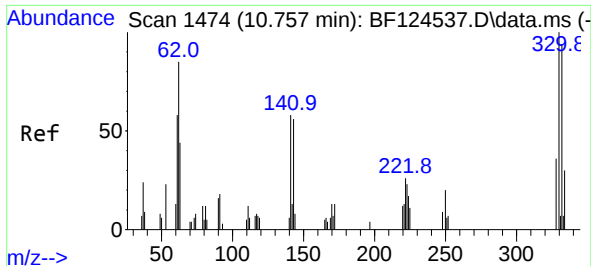
Tgt Ion: 82 Resp: 31579
Ion Ratio Lower Upper
82 100
128 48.0 40.6 60.8
54 65.0 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124645.D
Acq: 21 Jul 2021 00:53

Tgt Ion: 164 Resp: 14999
Ion Ratio Lower Upper
164 100
162 99.4 81.3 121.9
160 47.1 38.0 57.0

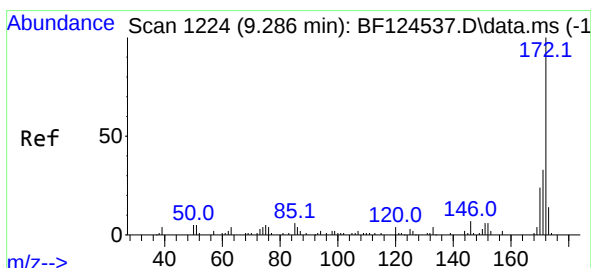
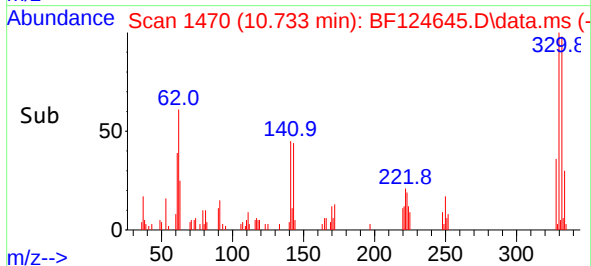
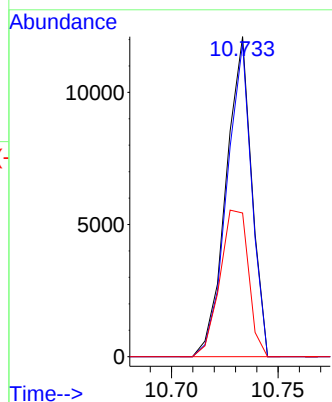
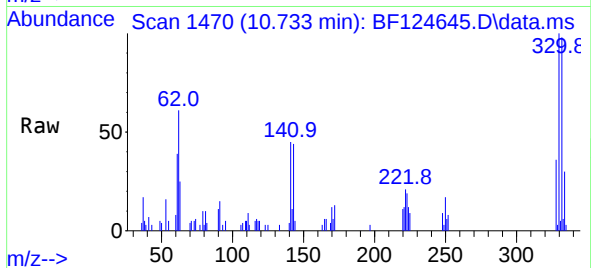




#42
2,4,6-Tribromophenol
Concen: 86.583 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.018 min
Lab File: BF124645.D
Acq: 21 Jul 2021 00:53

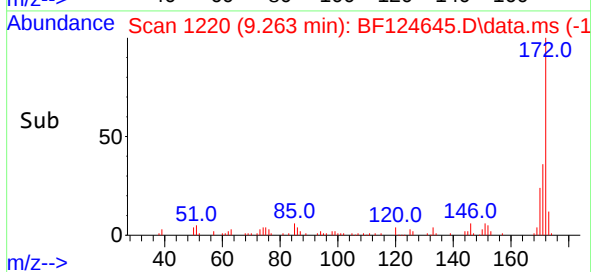
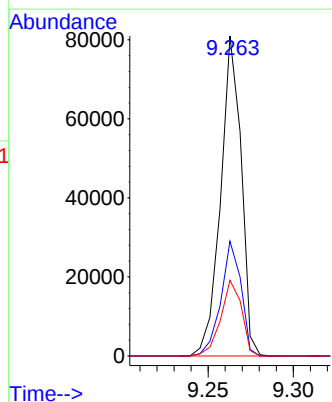
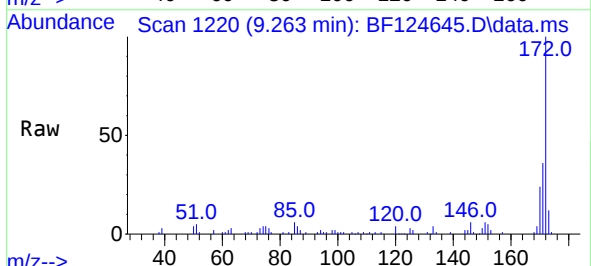
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

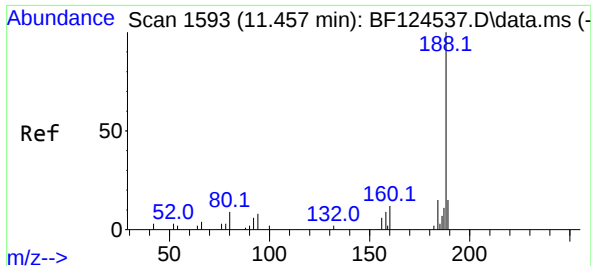
Tgt Ion: 330 Resp: 10106
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 51.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 66.008 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124645.D
Acq: 21 Jul 2021 00:53

Tgt Ion: 172 Resp: 67894
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 23.7 18.8 28.2

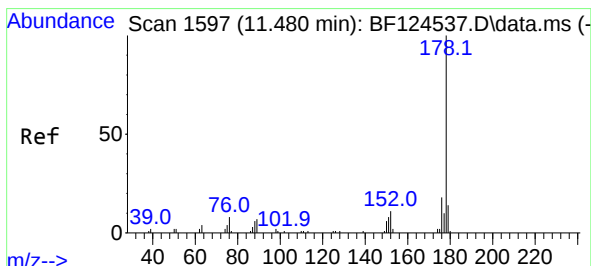
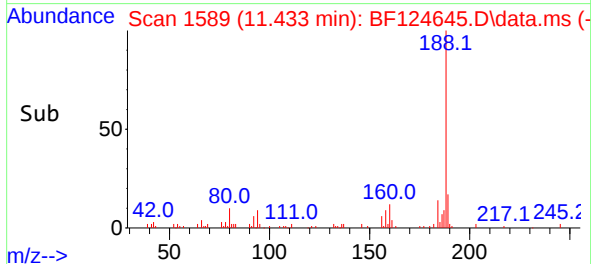
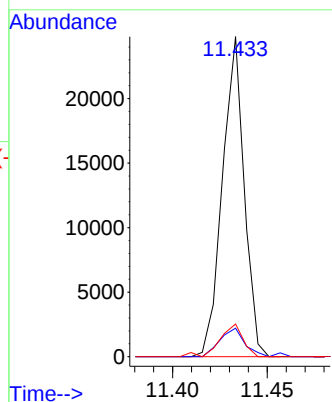
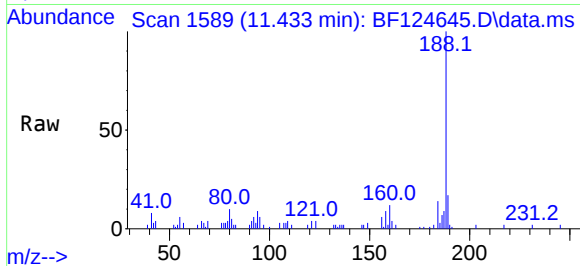




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF124645.D
Acq: 21 Jul 2021 00:53

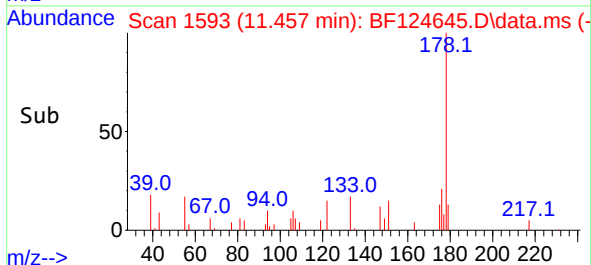
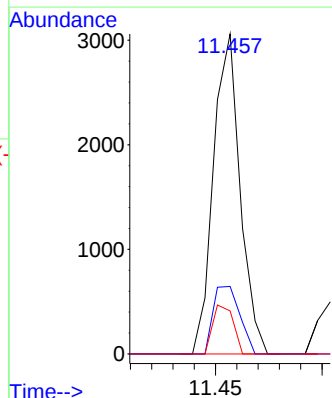
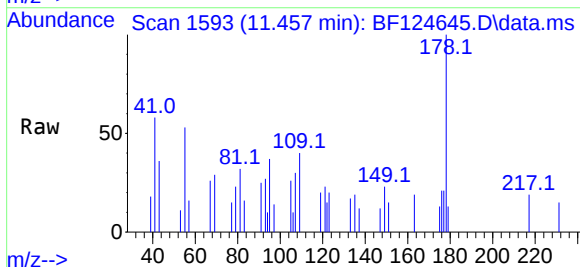
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

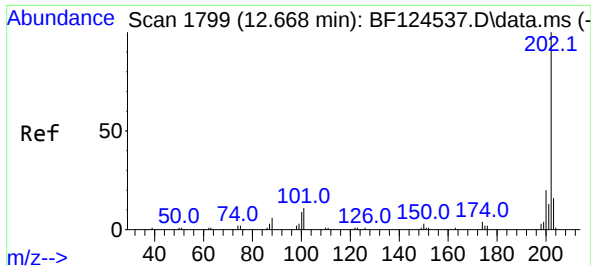
Tgt Ion:188 Resp: 19816
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.2 7.5 11.3



#71
Phenanthrene
Concen: 2.462 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.018 min
Lab File: BF124645.D
Acq: 21 Jul 2021 00:53

Tgt Ion:178 Resp: 2662
Ion Ratio Lower Upper
178 100
176 21.1 14.7 22.1
179 13.5 11.5 17.3

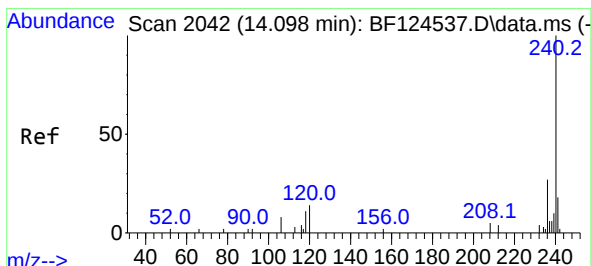
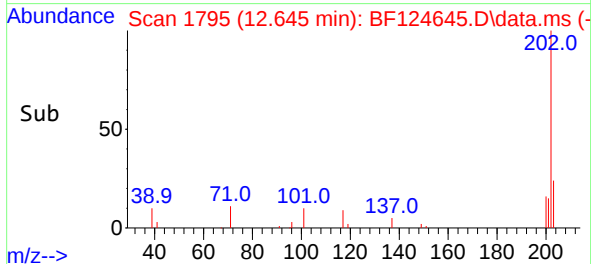
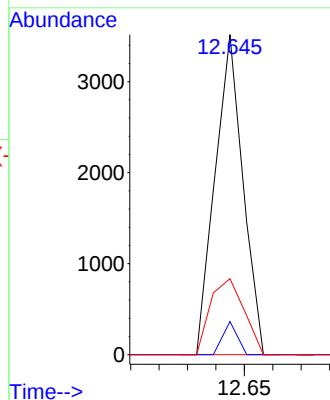
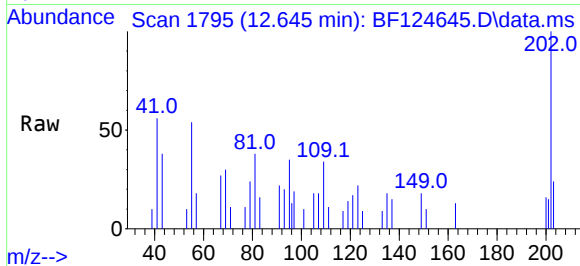




#75
Fluoranthene
Concen: 2.191 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.018 min
Lab File: BF124645.D
Acq: 21 Jul 2021 00:53

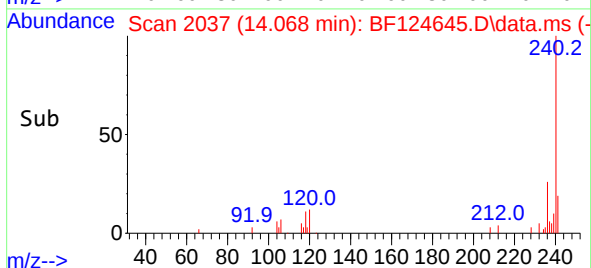
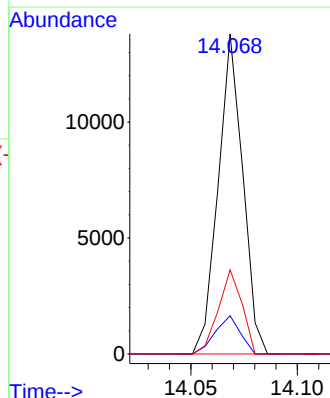
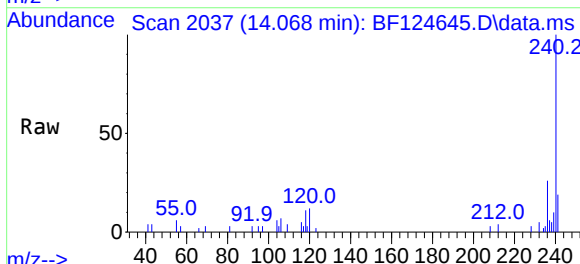
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

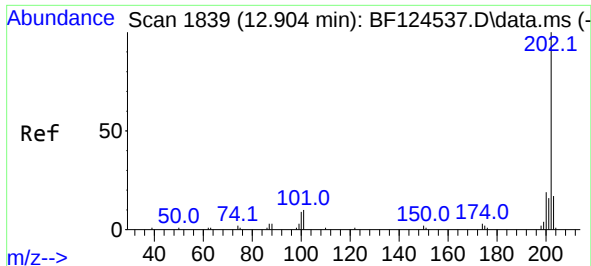
Tgt Ion:202	Resp:	2390
Ion Ratio	Lower	Upper
202	100	
101	10.4	0.0 30.7
203	23.8	0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BF124645.D
Acq: 21 Jul 2021 00:53

Tgt Ion:240	Resp:	11064
Ion Ratio	Lower	Upper
240	100	
120	11.9	10.8 16.2
236	26.3	21.6 32.4

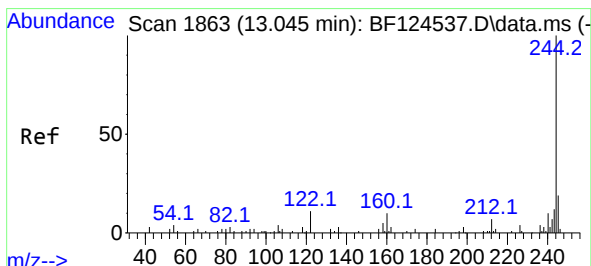
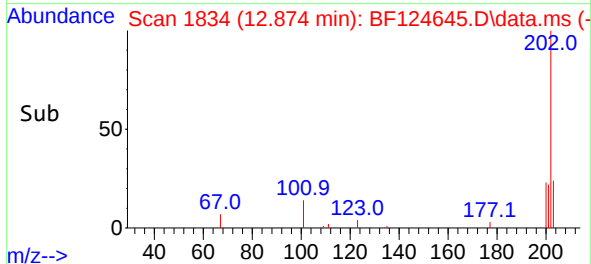
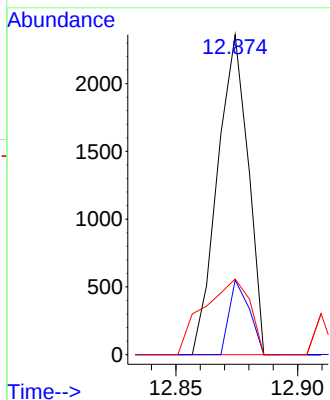
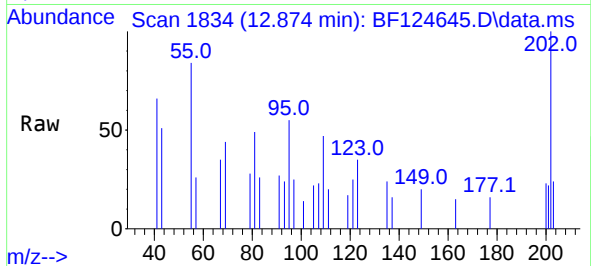




#78
Pyrene
Concen: 2.240 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.018 min
Lab File: BF124645.D
Acq: 21 Jul 2021 00:53

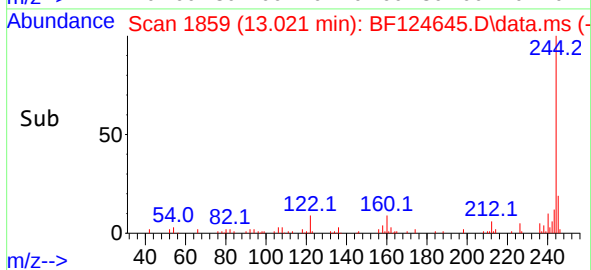
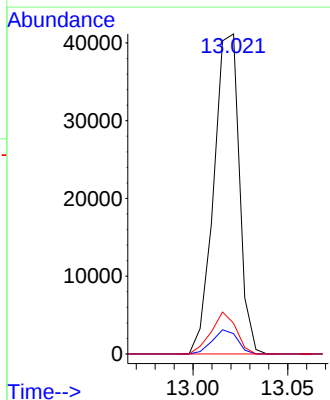
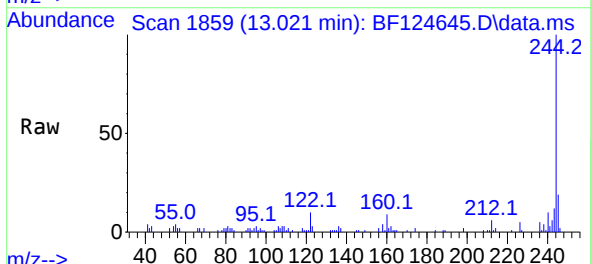
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

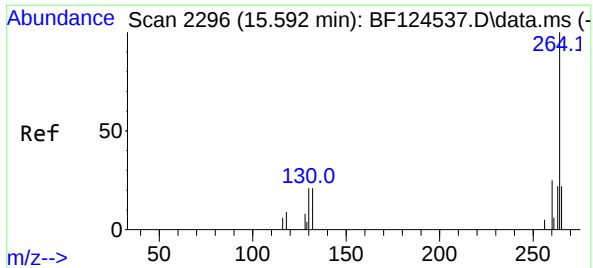
Tgt Ion:202 Resp: 2059
Ion Ratio Lower Upper
202 100
200 23.3 15.3 22.9#
203 23.6 13.4 20.0#



#79
Terphenyl-d14
Concen: 58.461 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.012 min
Lab File: BF124645.D
Acq: 21 Jul 2021 00:53

Tgt Ion:244 Resp: 38519
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 9.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.012 min
 Lab File: BF124645.D
 Acq: 21 Jul 2021 00:53

Instrument :
 BNA_F
 ClientSampleId :
 PAR-N2-(A-D)-(0-12)

Tgt Ion:264	Resp:	10592
Ion Ratio	Lower	Upper
264	100	
260	21.7	19.6 29.4
265	20.6	17.2 25.8

