

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124643.D
 Acq On : 20 Jul 2021 23:46
 Operator : JU/CG
 Sample : M3043-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-077

Quant Time: Jul 21 03:14:06 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	7215	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	28850	20.000	ng	-0.02
39) Acenaphthene-d10	9.939	164	14887	20.000	ng	-0.02
64) Phenanthrene-d10	11.427	188	22441	20.000	ng	-0.02
76) Chrysene-d12	14.068	240	10879	20.000	ng	#-0.02
86) Perylene-d12	15.557	264	10619	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	45148	108.416	ng	-0.02
7) Phenol-d6	6.522	99	54195	106.980	ng	-0.02
23) Nitrobenzene-d5	7.463	82	33080	72.383	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	12170	105.051	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	67029	65.658	ng	-0.02
79) Terphenyl-d14	13.015	244	40916	63.155	ng	-0.02

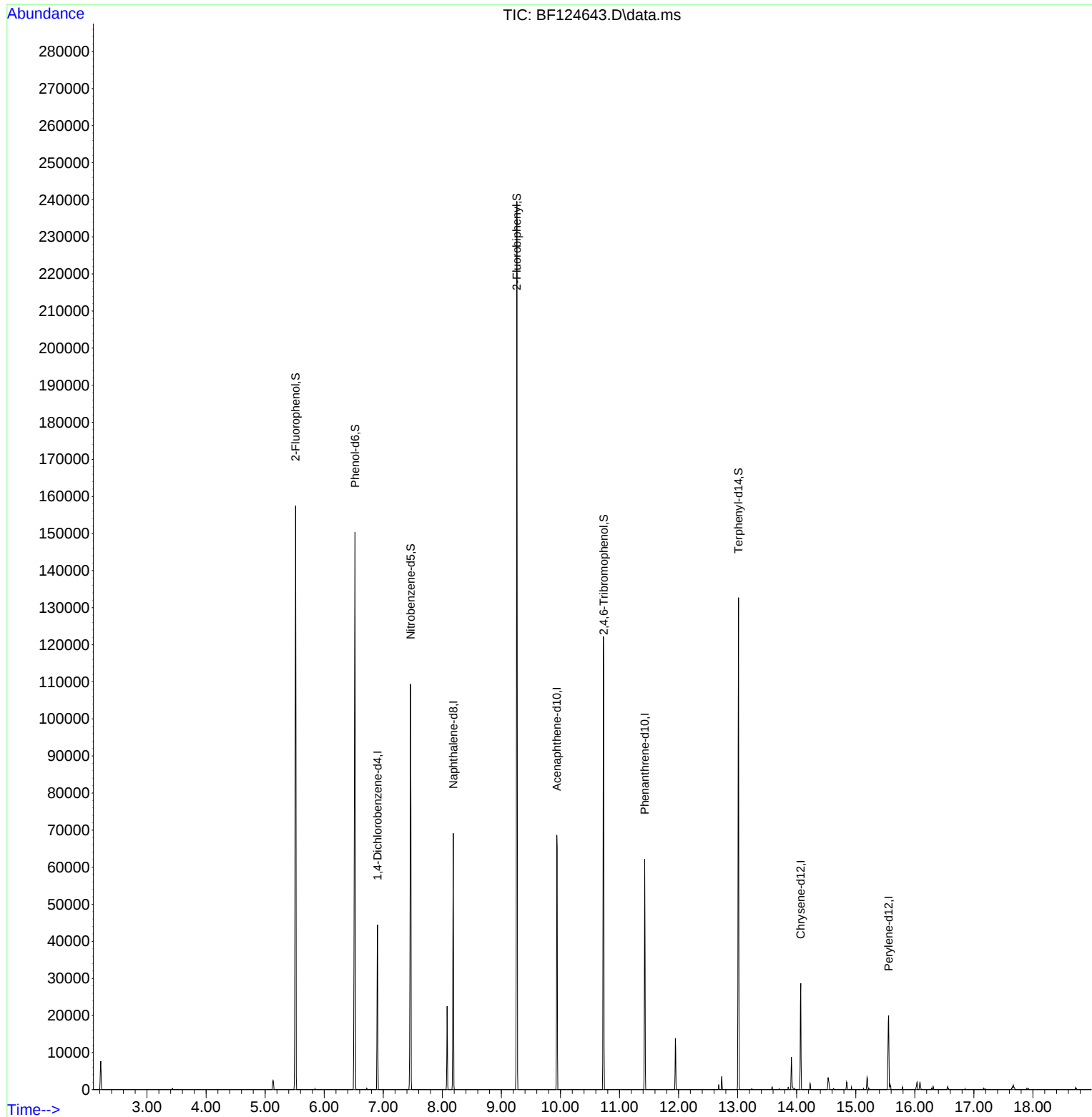
Target Compounds	Qvalue

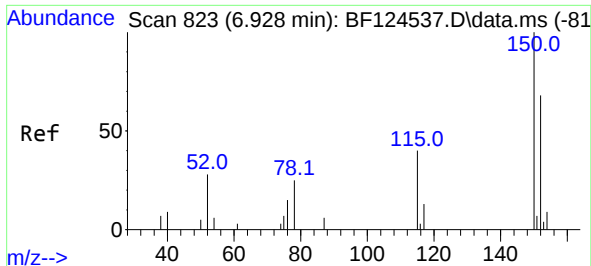
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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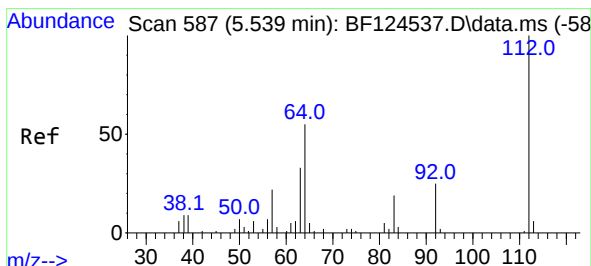
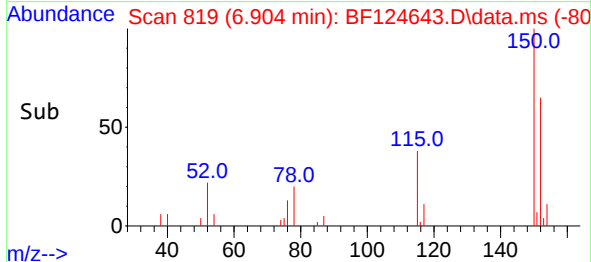
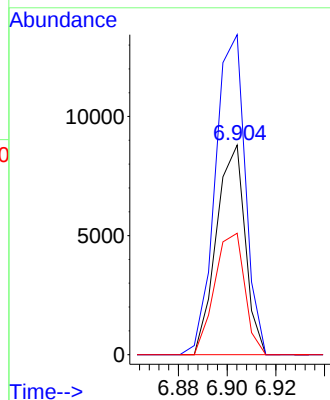
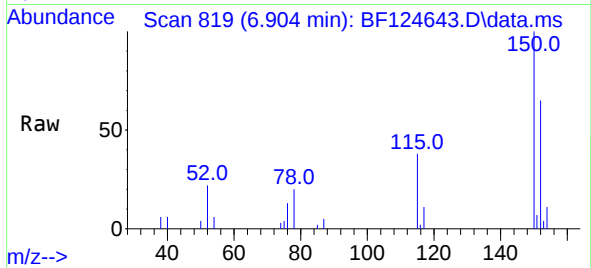




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

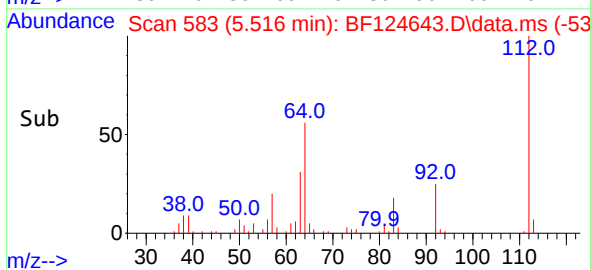
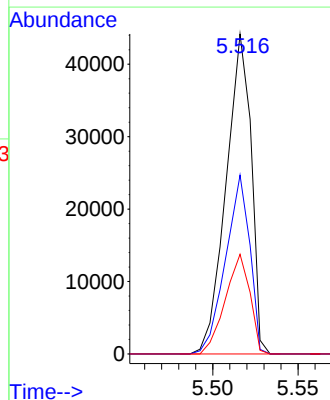
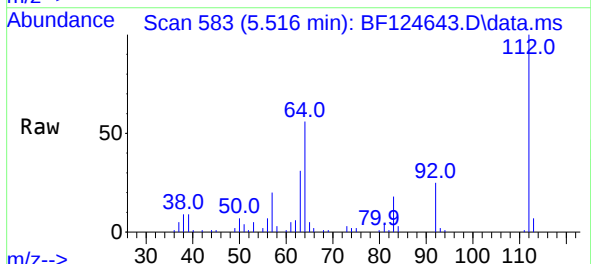
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-077

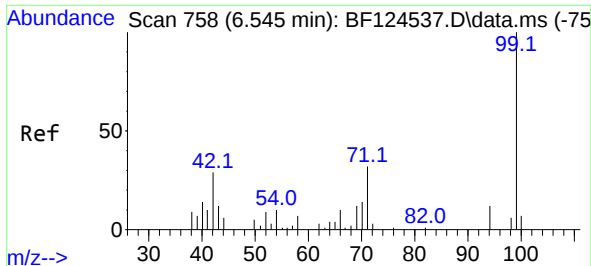
Tgt Ion:152 Resp: 7215
Ion Ratio Lower Upper
152 100
150 152.7 117.6 176.4
115 58.0 47.1 70.7



#5
2-Fluorophenol
Concen: 108.416 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

Tgt Ion:112 Resp: 45148
Ion Ratio Lower Upper
112 100
64 55.9 44.2 66.2
63 31.2 26.2 39.2



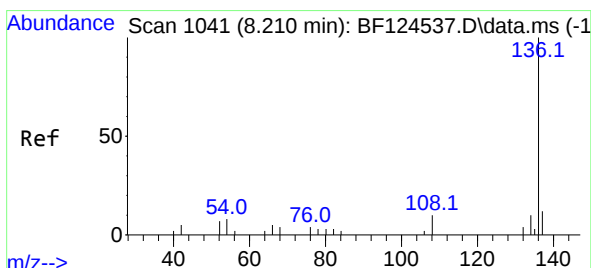
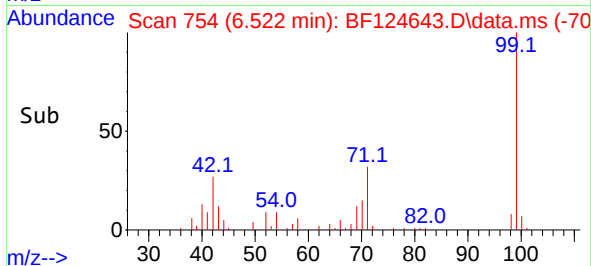
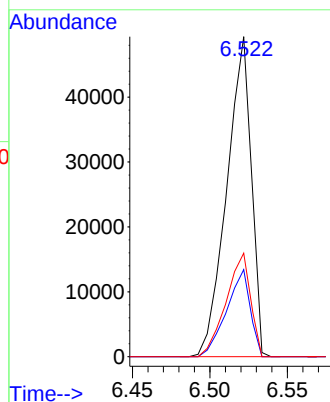
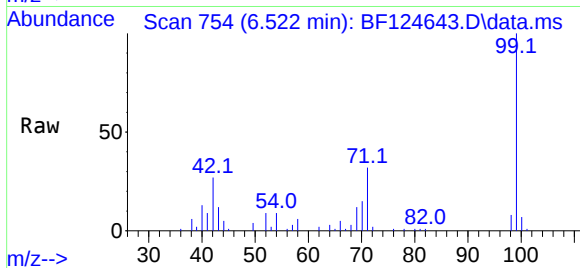


#7
Phenol-d6
Concen: 106.980 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.023 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-077

Tgt Ion: 99 Resp: 54195

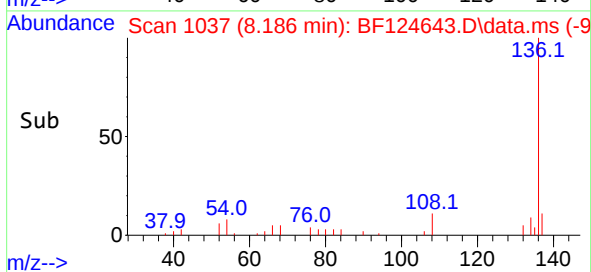
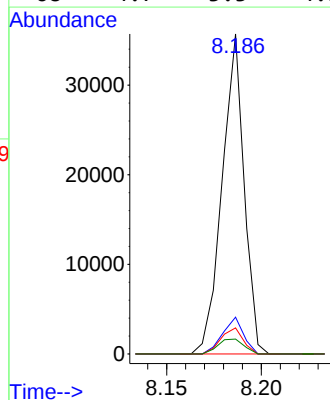
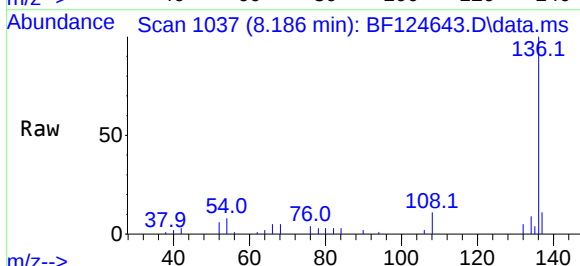
Ion	Ratio	Lower	Upper
99	100		
42	27.2	23.5	35.3
71	32.3	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

Tgt Ion: 136 Resp: 28850

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.6
54	8.2	6.4	9.6
68	4.7	3.3	4.9

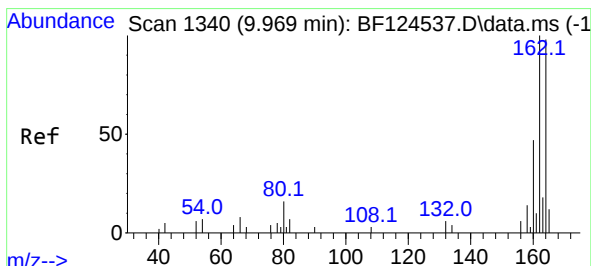
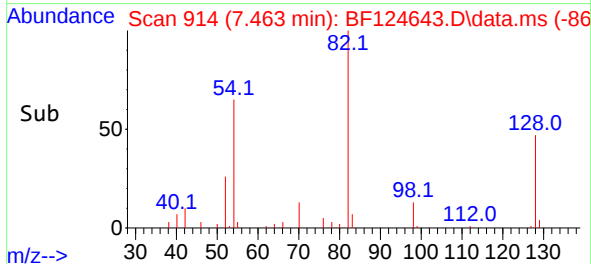
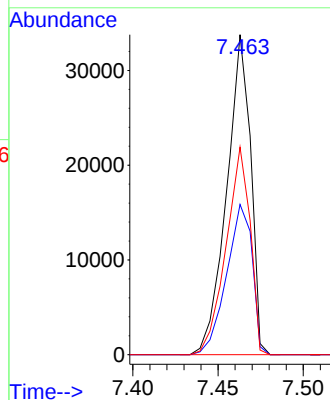
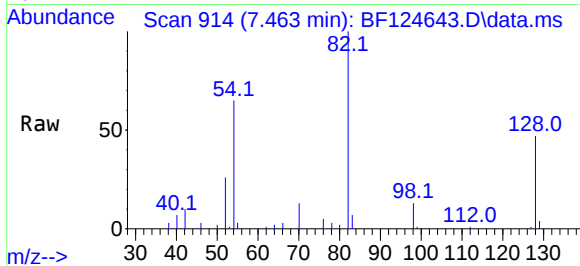




#23
Nitrobenzene-d5
Concen: 72.383 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.023 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

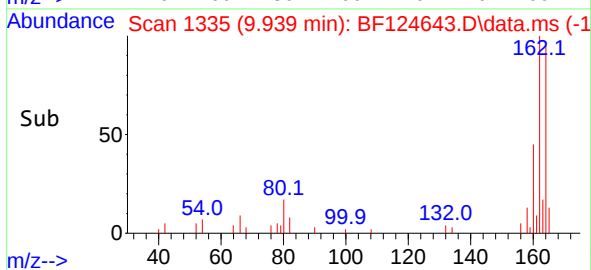
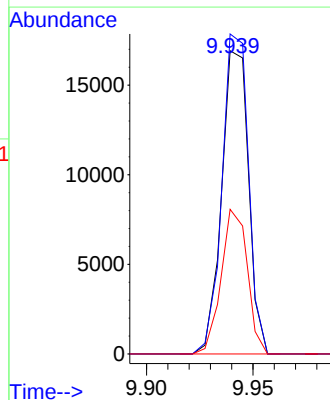
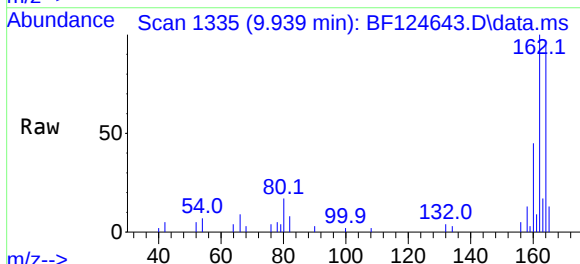
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-077

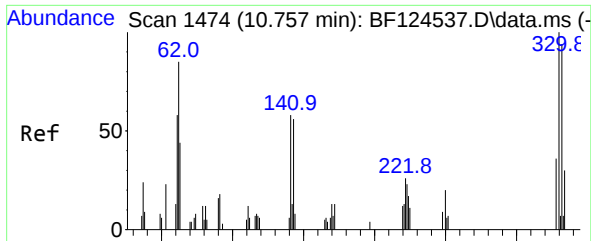
Tgt Ion:	82	Resp:	33080
Ion	Ratio	Lower	Upper
82	100		
128	46.9	40.6	60.8
54	64.9	49.6	74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

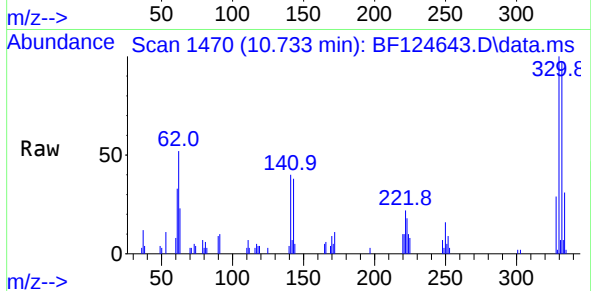
Tgt Ion:	164	Resp:	14887
Ion	Ratio	Lower	Upper
164	100		
162	105.5	81.3	121.9
160	47.7	38.0	57.0



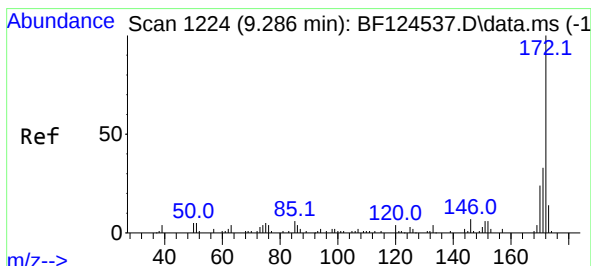
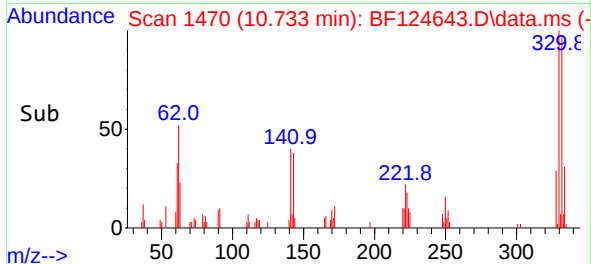
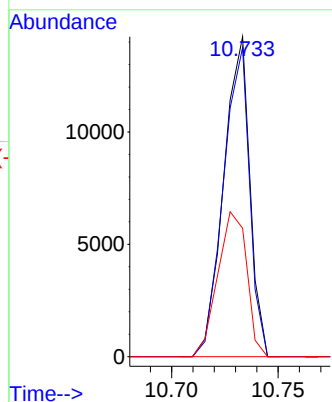


#42
2,4,6-Tribromophenol
Concen: 105.051 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-077

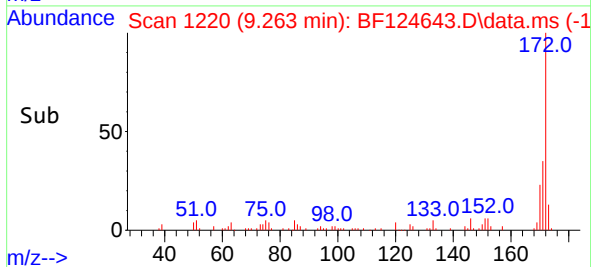
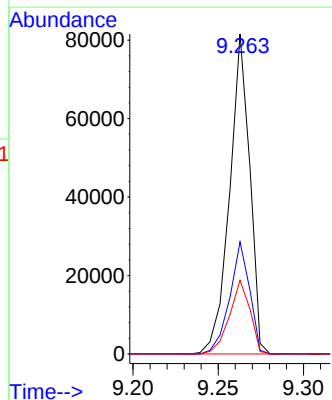
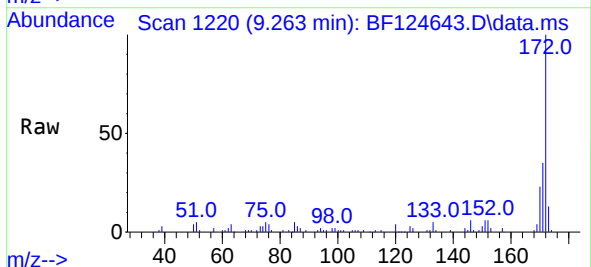


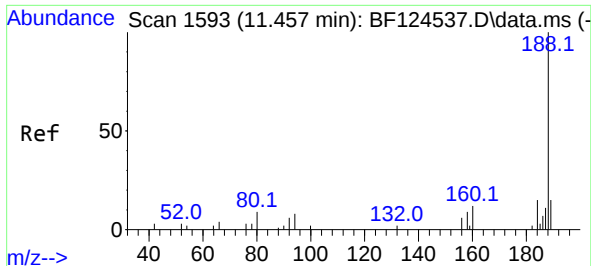
Tgt Ion:330 Resp: 12170
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 50.2 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 65.658 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

Tgt Ion:172 Resp: 67029
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.0 18.8 28.2

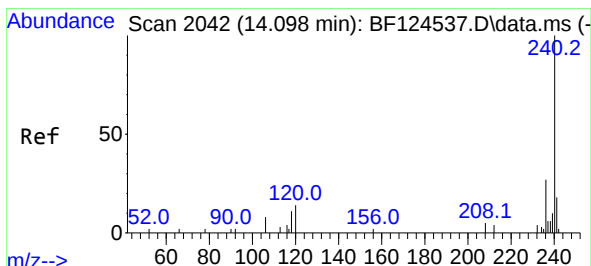
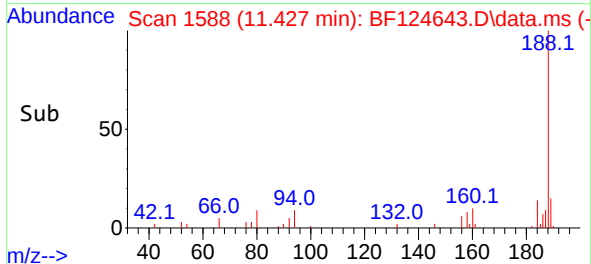
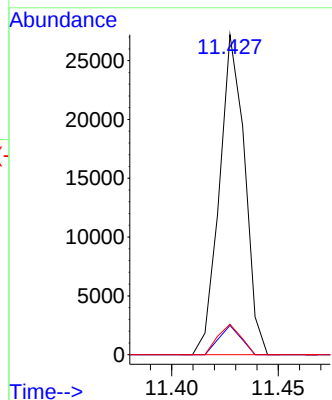
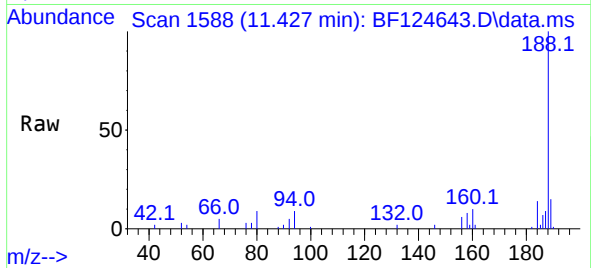




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

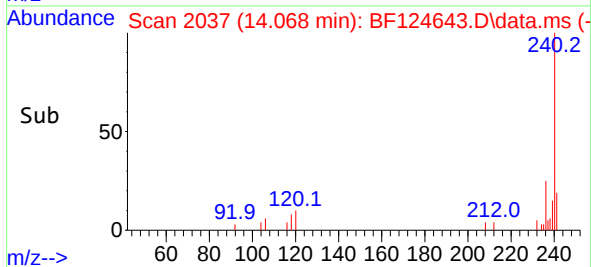
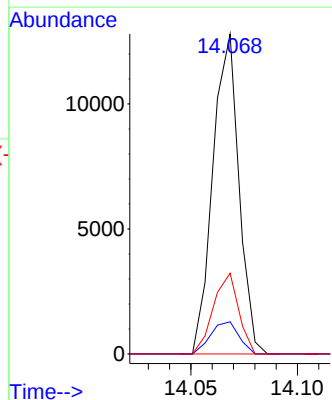
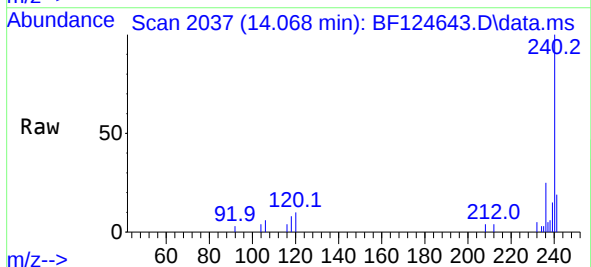
Instrument :
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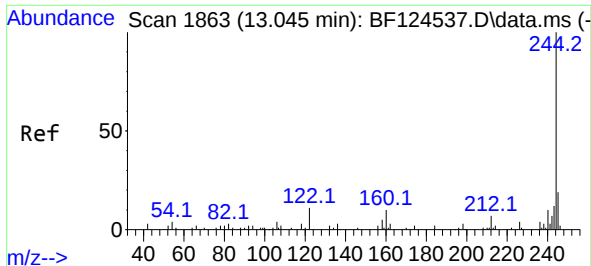
Tgt Ion:188 Resp: 22441
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.5 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

Tgt Ion:240 Resp: 10879
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 25.3 21.6 32.4

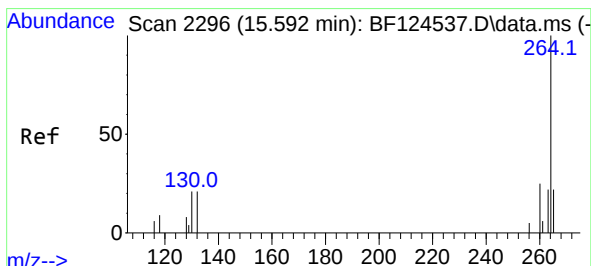
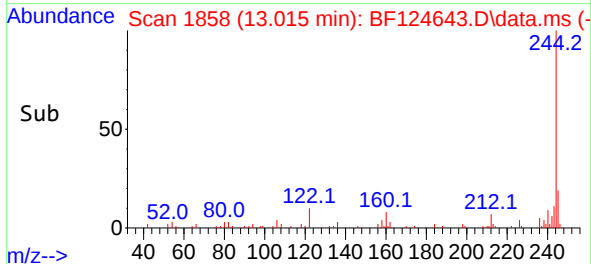
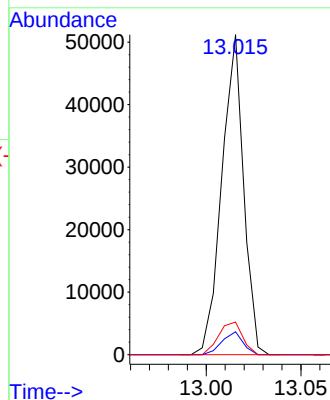
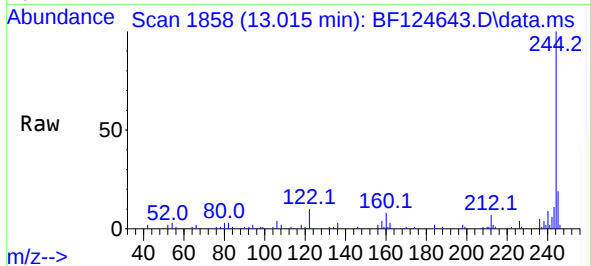




#79
Terphenyl-d14
Concen: 63.155 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244	Resp:	40916
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.9 8.9
122	10.2	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: BF124643.D
Acq: 20 Jul 2021 23:46

Tgt Ion:264	Resp:	10619
Ion Ratio	Lower	Upper
264	100	
260	21.4	19.6 29.4
265	22.1	17.2 25.8

