

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124644.D
 Acq On : 21 Jul 2021 00:20
 Operator : JU/CG
 Sample : M3040-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-076

Quant Time: Jul 21 03:14:14 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	6891	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	27579	20.000	ng	-0.02
39) Acenaphthene-d10	9.945	164	14442	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	21013	20.000	ng	-0.02
76) Chrysene-d12	14.068	240	10740	20.000	ng	-0.02
86) Perylene-d12	15.557	264	10611	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	38371	96.475	ng	-0.02
7) Phenol-d6	6.522	99	46281	95.653	ng	-0.02
23) Nitrobenzene-d5	7.463	82	28569	65.393	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	10054	89.460	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	54479	55.009	ng	-0.02
79) Terphenyl-d14	13.016	244	34090	53.300	ng	-0.02

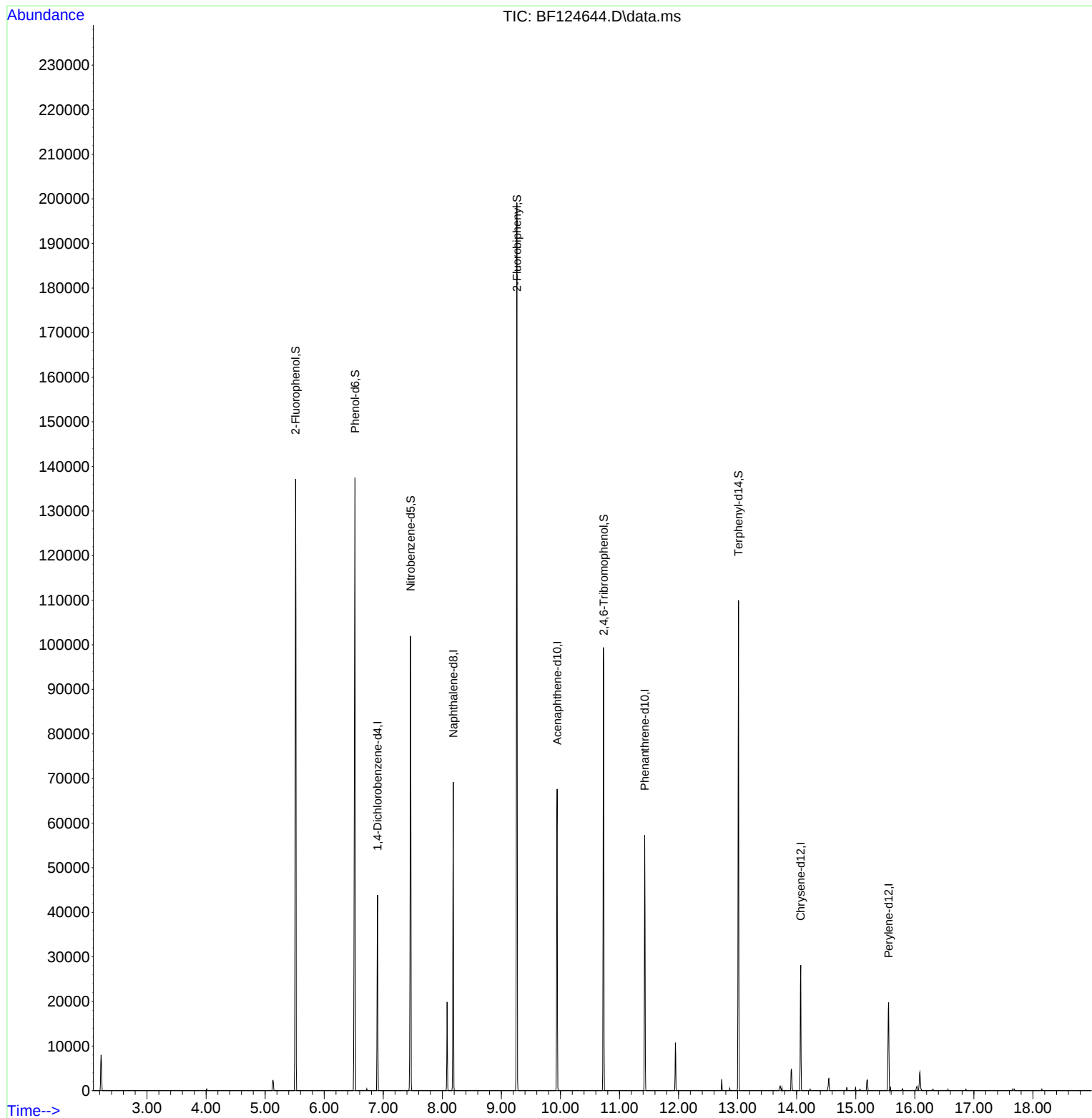
Target Compounds	Qvalue

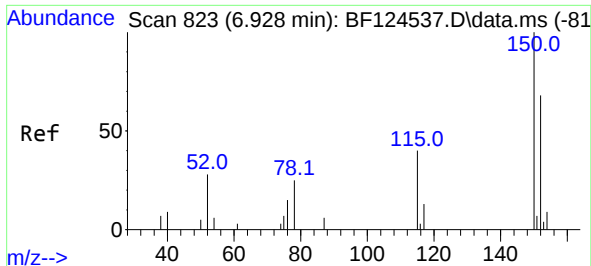
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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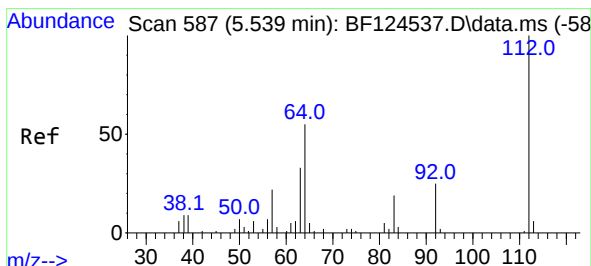
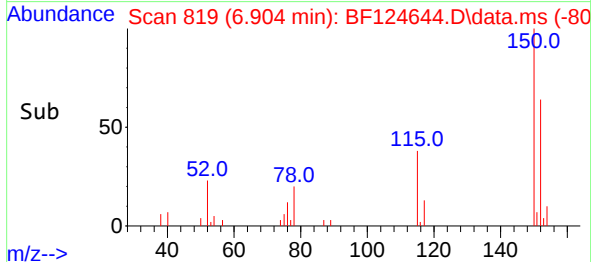
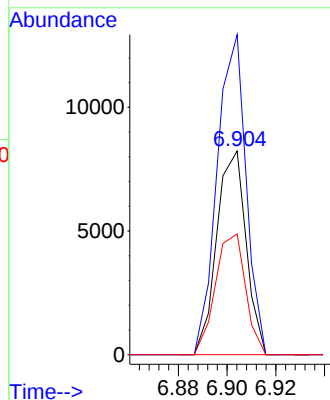
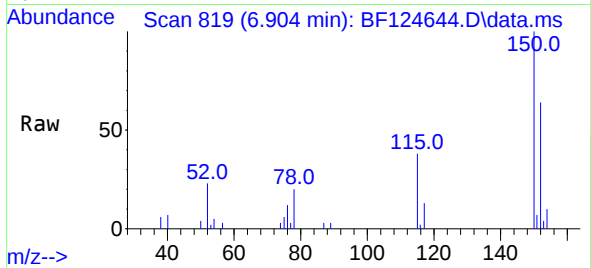




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124644.D
Acq: 21 Jul 2021 00:20

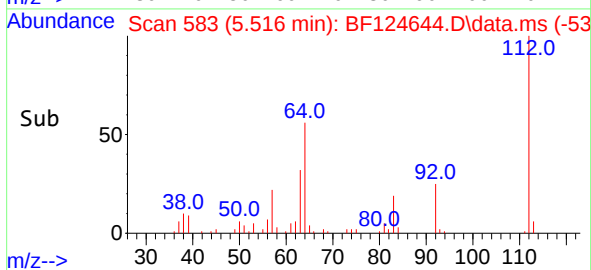
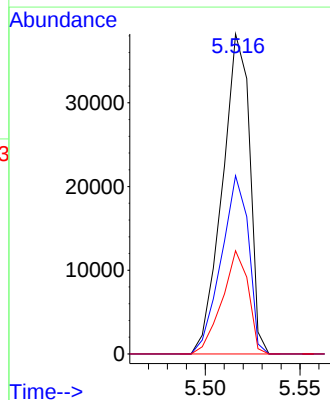
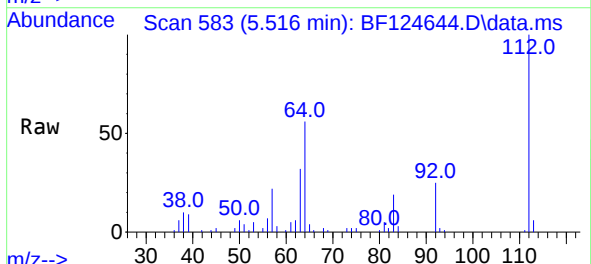
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-076

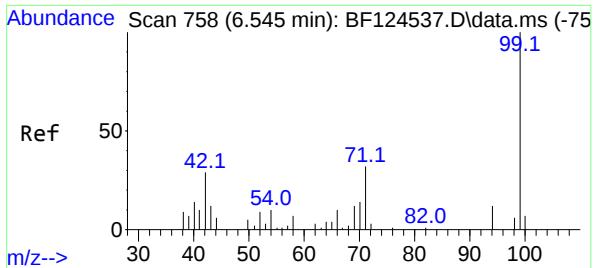
Tgt Ion:152 Resp: 6891
Ion Ratio Lower Upper
152 100
150 157.1 117.6 176.4
115 59.3 47.1 70.7



#5
2-Fluorophenol
Concen: 96.475 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.018 min
Lab File: BF124644.D
Acq: 21 Jul 2021 00:20

Tgt Ion:112 Resp: 38371
Ion Ratio Lower Upper
112 100
64 55.7 44.2 66.2
63 32.2 26.2 39.2



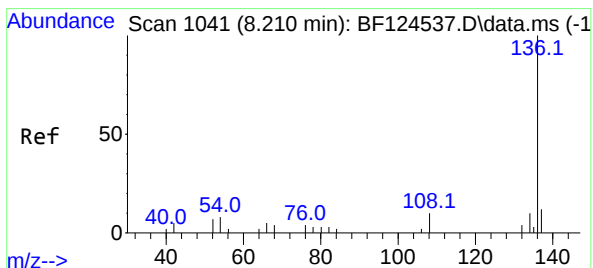
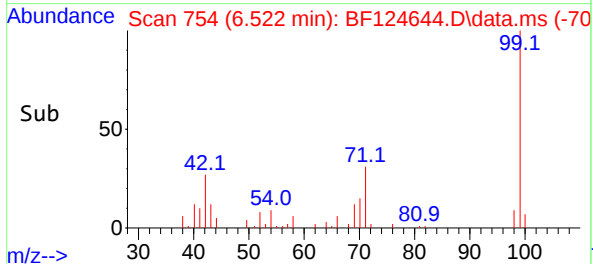
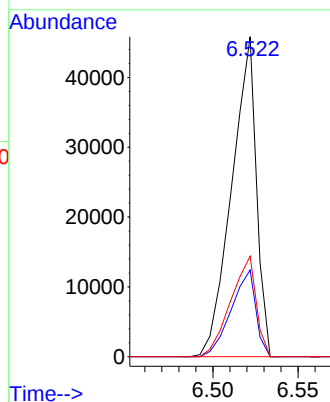
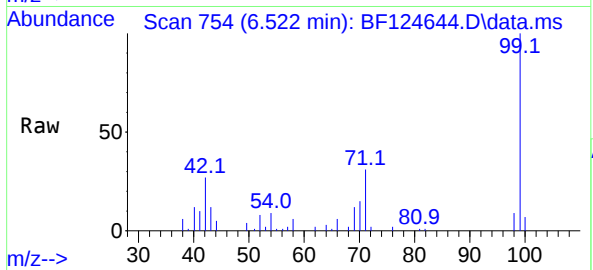


#7
Phenol-d6
Concen: 95.653 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.023 min
Lab File: BF124644.D
Acq: 21 Jul 2021 00:20

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-076

Tgt Ion: 99 Resp: 46281

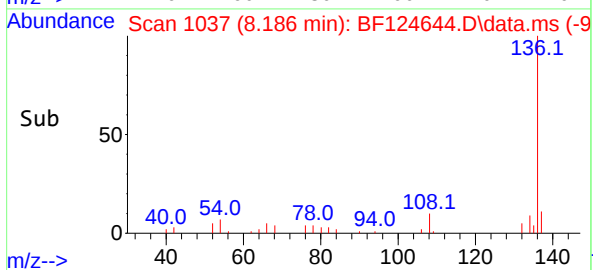
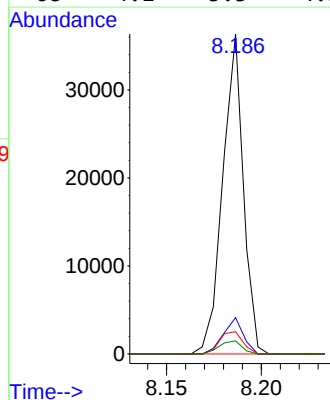
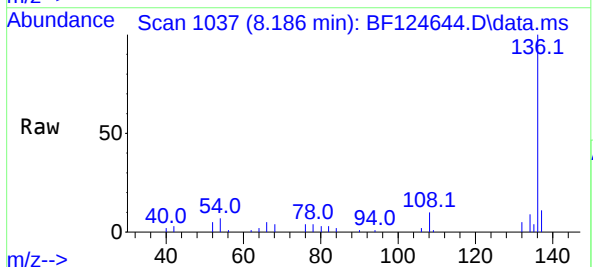
Ion	Ratio	Lower	Upper
99	100		
42	27.1	23.5	35.3
71	31.4	25.6	38.4

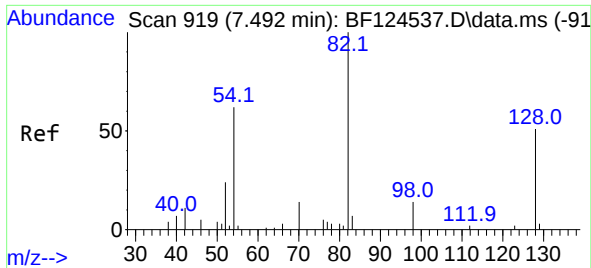


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124644.D
Acq: 21 Jul 2021 00:20

Tgt Ion: 136 Resp: 27579

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	6.9	6.4	9.6
68	4.1	3.3	4.9





#23

Nitrobenzene-d5

Concen: 65.393 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.023 min

Lab File: BF124644.D

Acq: 21 Jul 2021 00:20

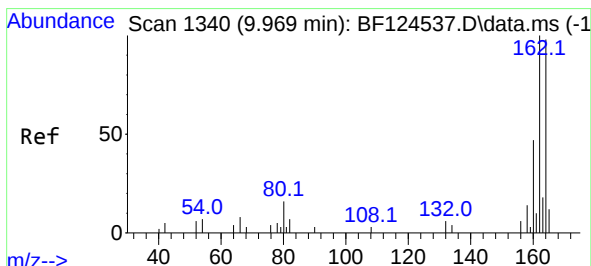
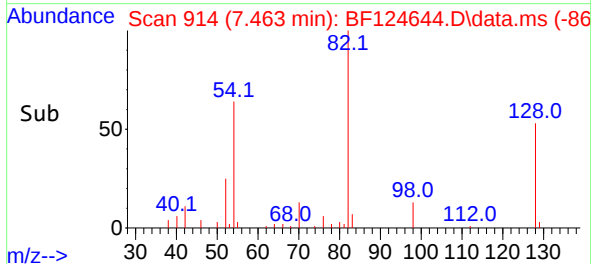
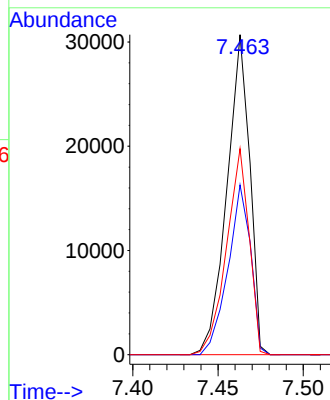
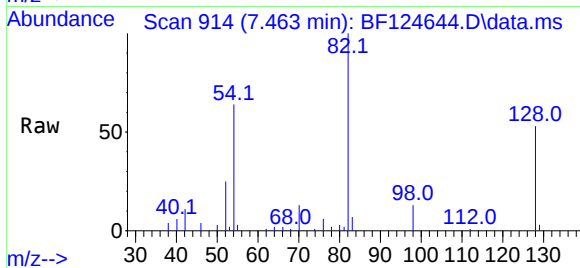
Tgt Ion: 82 Resp: 28569

Ion Ratio Lower Upper

82 100

128 53.1 40.6 60.8

54 64.4 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: BF124644.D

Acq: 21 Jul 2021 00:20

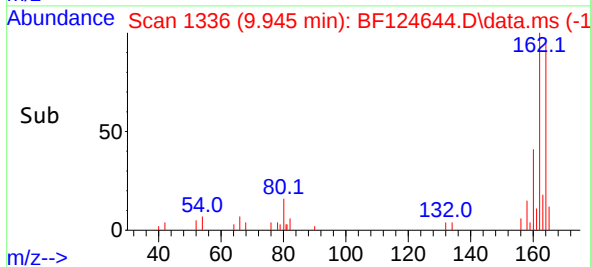
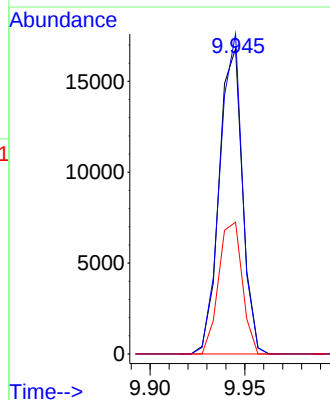
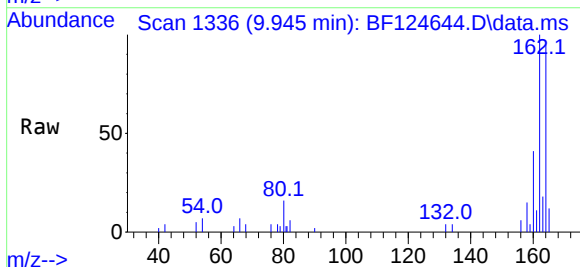
Tgt Ion:164 Resp: 14442

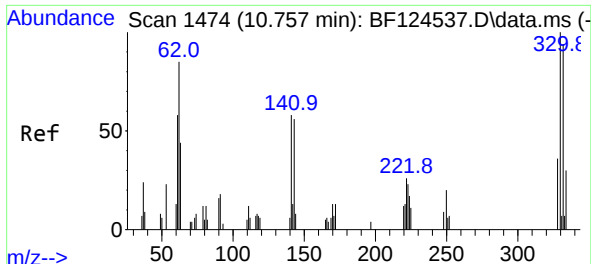
Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

160 43.2 38.0 57.0

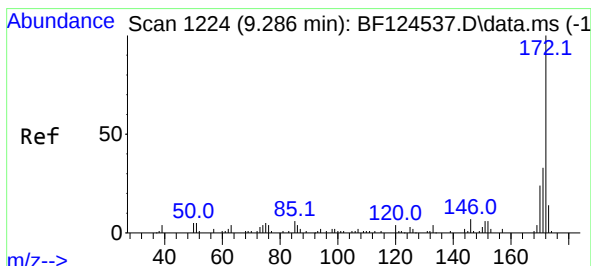
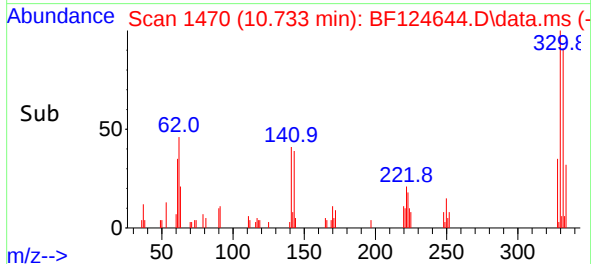
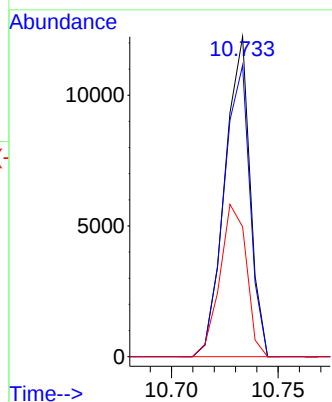
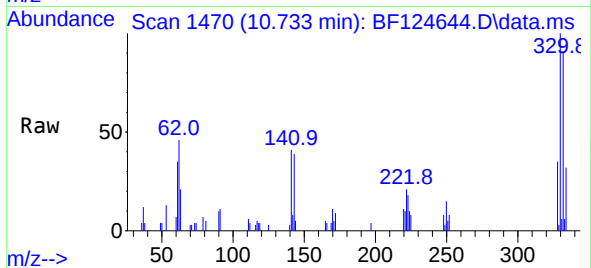




#42
2,4,6-Tribromophenol
Concen: 89.460 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.018 min
Lab File: BF124644.D
Acq: 21 Jul 2021 00:20

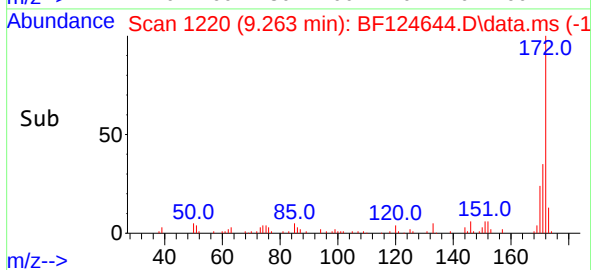
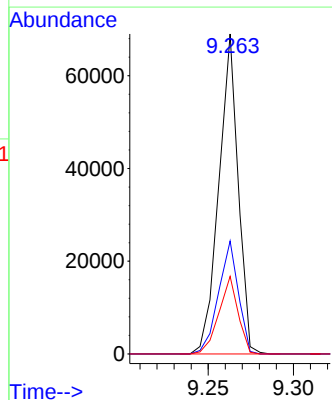
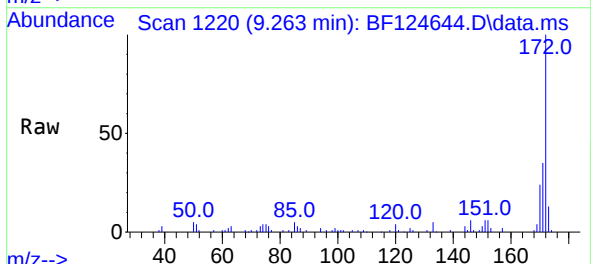
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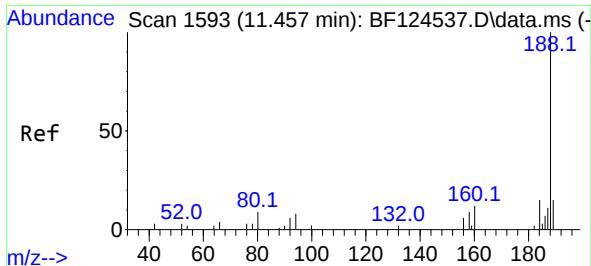
Tgt Ion:330 Resp: 10054
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 50.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 55.009 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124644.D
Acq: 21 Jul 2021 00:20

Tgt Ion:172 Resp: 54479
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 24.2 18.8 28.2



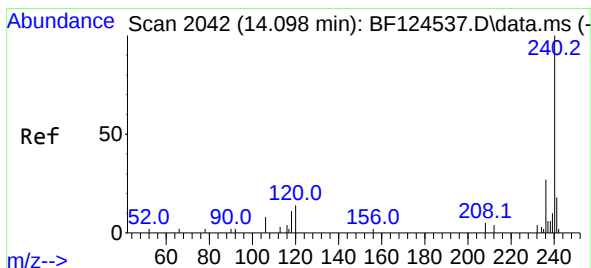
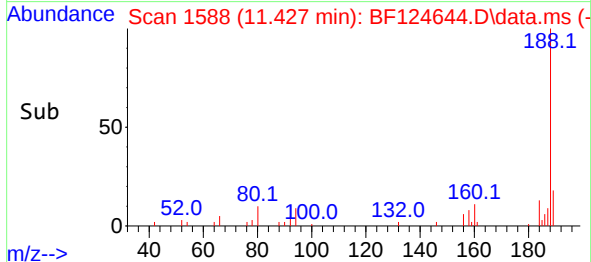
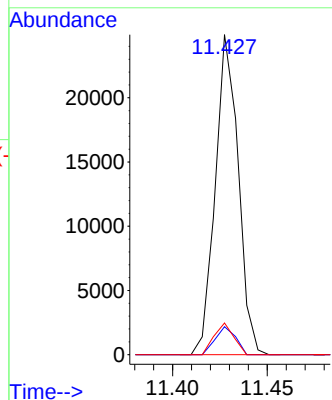
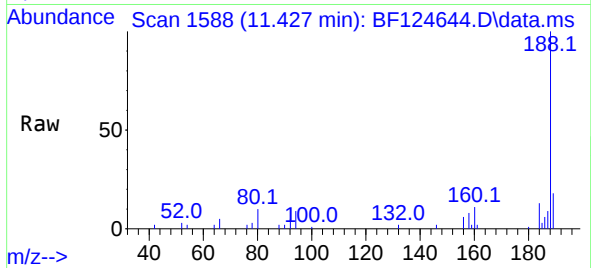


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.018 min
Lab File: BF124644.D
Acq: 21 Jul 2021 00:20

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-076

Tgt Ion:188 Resp: 21013

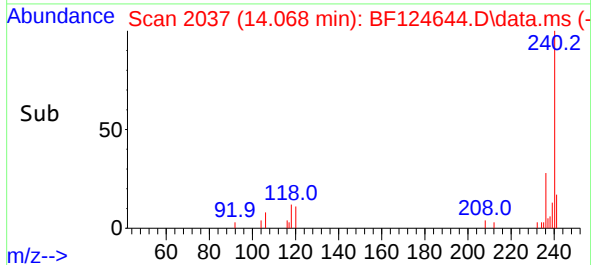
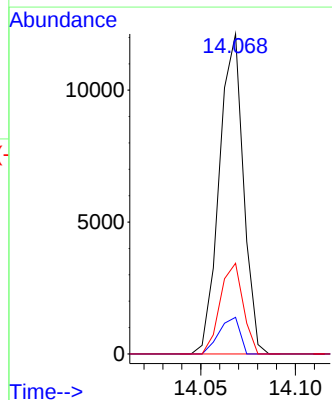
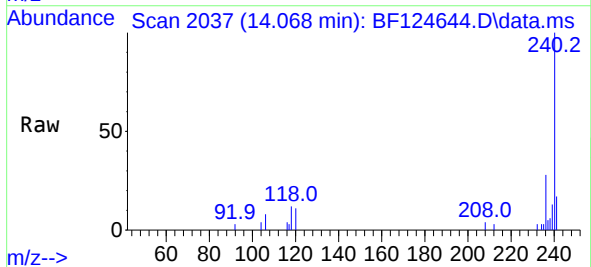
Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.7	10.1
80	9.9	7.5	11.3

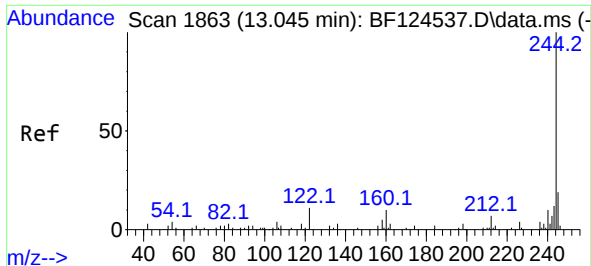


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BF124644.D
Acq: 21 Jul 2021 00:20

Tgt Ion:240 Resp: 10740

Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.8	16.2
236	28.3	21.6	32.4

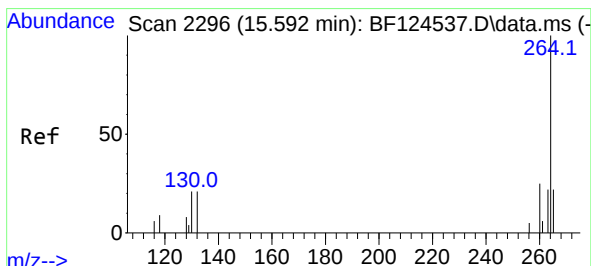
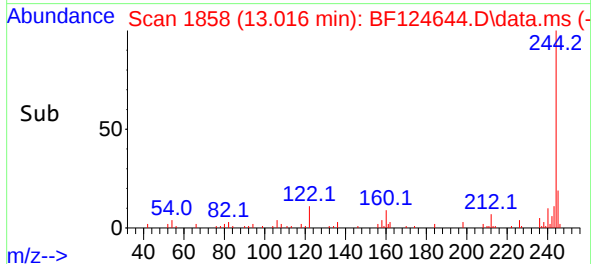
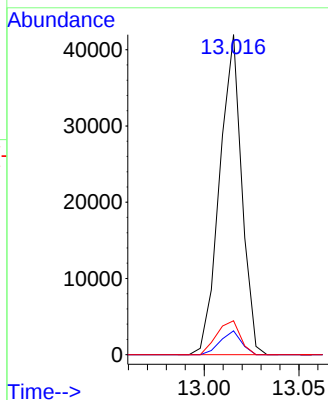
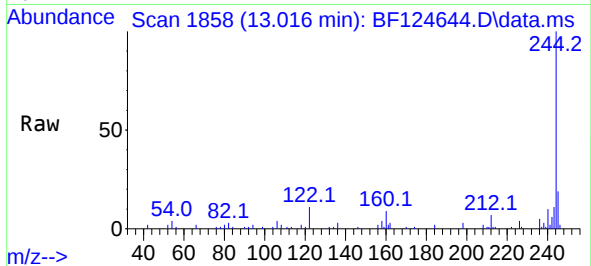




#79
Terphenyl-d14
Concen: 53.300 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.018 min
Lab File: BF124644.D
Acq: 21 Jul 2021 00:20

Instrument :
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ClientSampleId :
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Tgt Ion:244	Resp:	34090
Ion	Ratio	Lower Upper
244	100	
212	7.5	5.9 8.9
122	10.6	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: BF124644.D
Acq: 21 Jul 2021 00:20

Tgt Ion:264	Resp:	10611
Ion	Ratio	Lower Upper
264	100	
260	25.7	19.6 29.4
265	20.2	17.2 25.8

