

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124642.D
 Acq On : 20 Jul 2021 23:13
 Operator : JU/CG
 Sample : M3096-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071921

Quant Time: Jul 21 03:13:58 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	6.898	152	7008	20.000	ng	-0.02
21) Naphthalene-d8	8.186	136	29666	20.000	ng	-0.02
39) Acenaphthene-d10	9.945	164	16715	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	27634	20.000	ng	-0.02
76) Chrysene-d12	14.068	240	12727	20.000	ng	#-0.02
86) Perylene-d12	15.556	264	12204	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	33446	82.688	ng	-0.02
7) Phenol-d6	6.516	99	40388	82.080	ng	-0.03
23) Nitrobenzene-d5	7.463	82	25769	54.835	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	10664	81.984	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	58442	50.986	ng	-0.02
79) Terphenyl-d14	13.015	244	47486	62.653	ng	-0.02

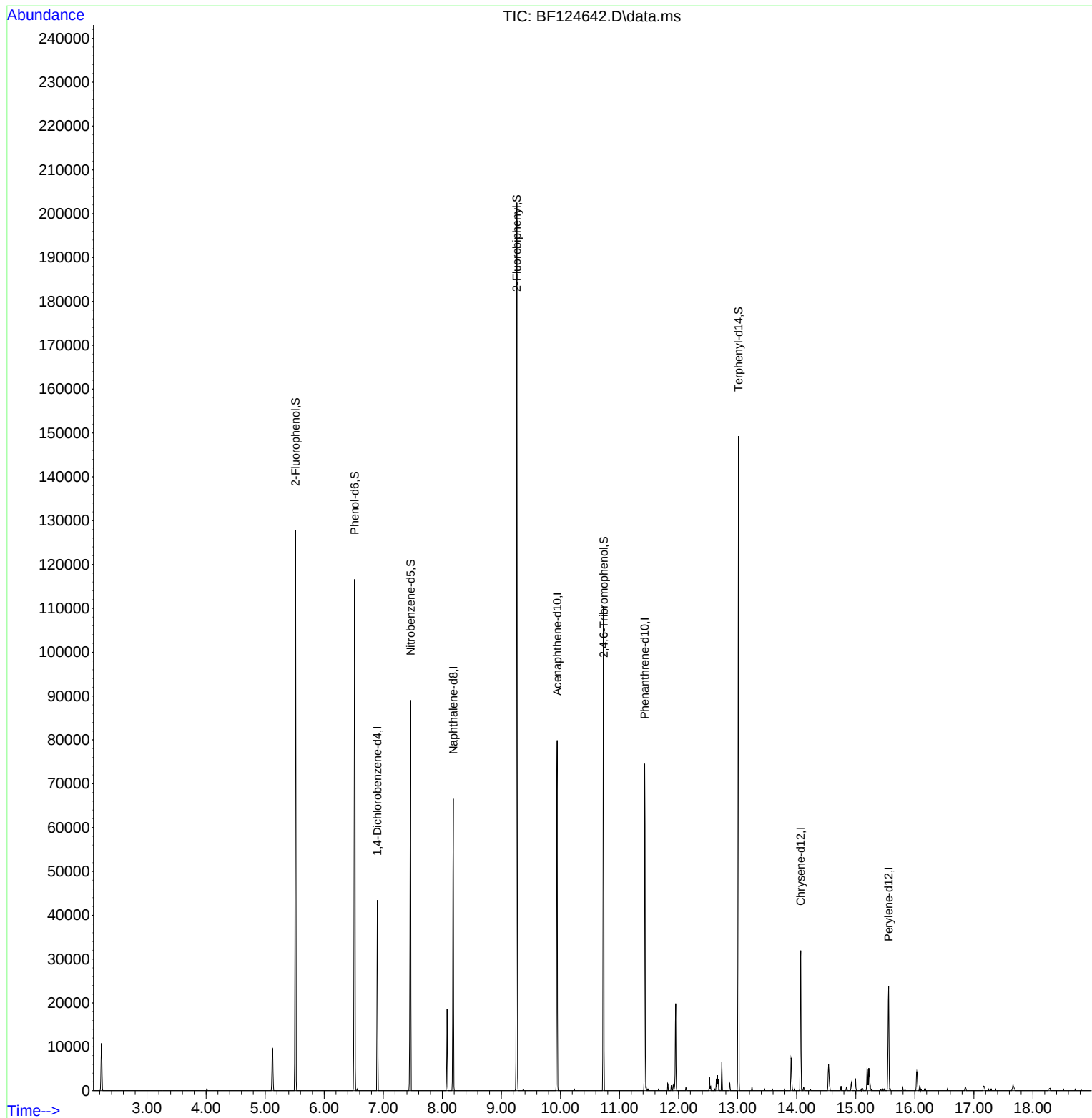
Target Compounds	Qvalue

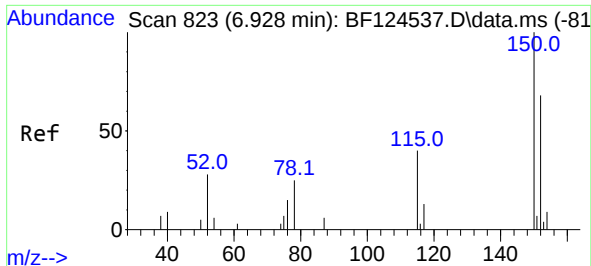
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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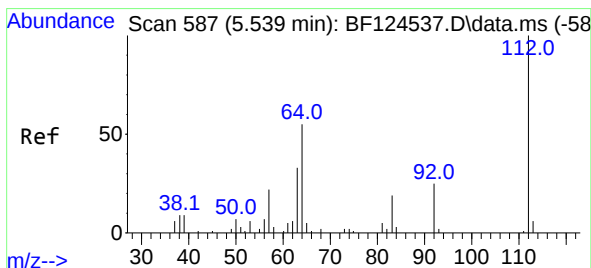
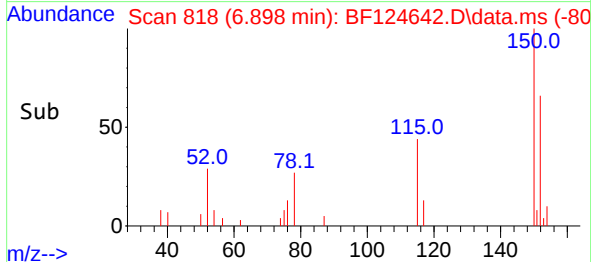
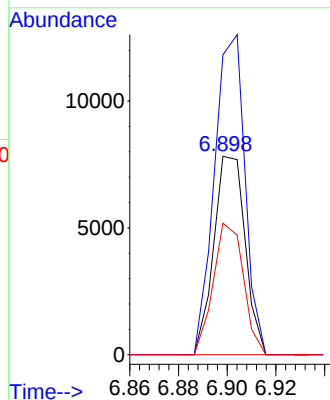
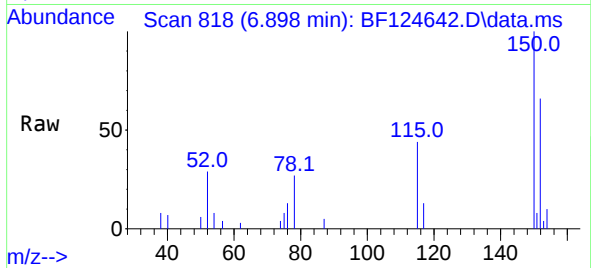




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

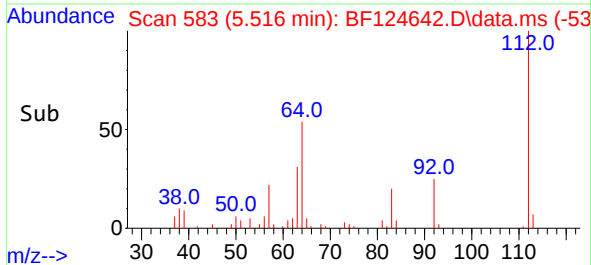
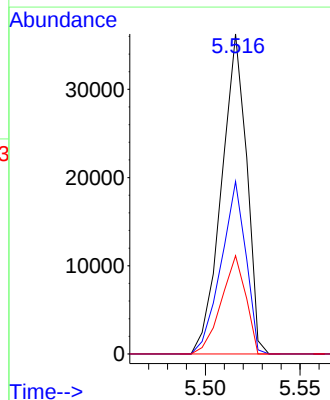
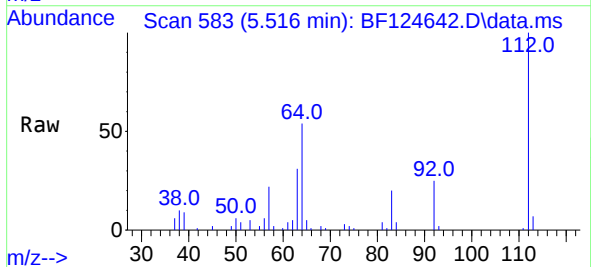
Instrument :
BNA_F
ClientSampleId :
SU-04-071921

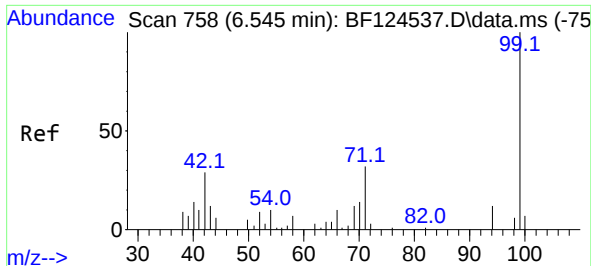
Tgt Ion:152 Resp: 7008
Ion Ratio Lower Upper
152 100
150 151.1 117.6 176.4
115 66.2 47.1 70.7



#5
2-Fluorophenol
Concen: 82.688 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Tgt Ion:112 Resp: 33446
Ion Ratio Lower Upper
112 100
64 53.9 44.2 66.2
63 30.7 26.2 39.2



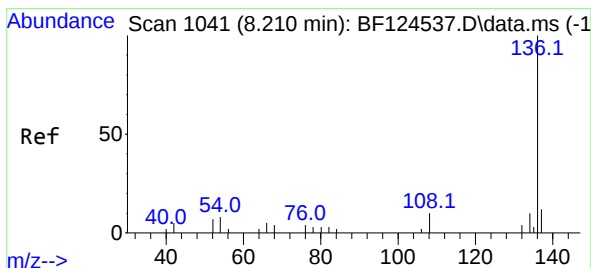
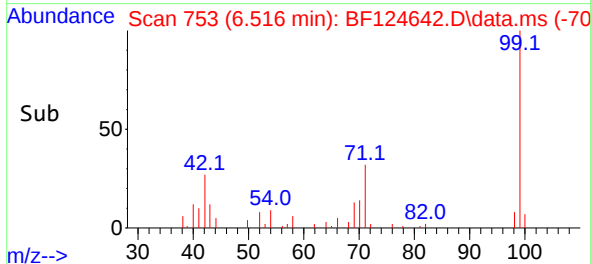
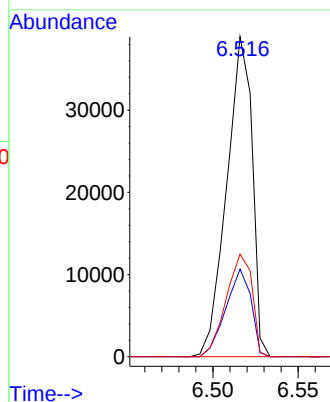
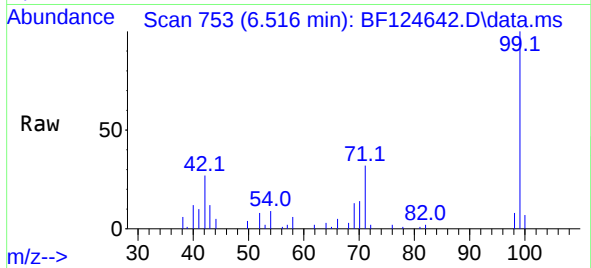


#7
Phenol-d6
Concen: 82.080 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.029 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Instrument :
BNA_F
ClientSampleId :
SU-04-071921

Tgt Ion: 99 Resp: 40388

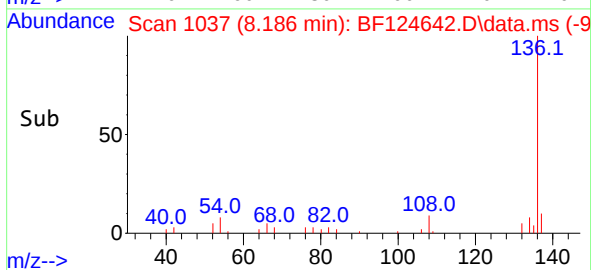
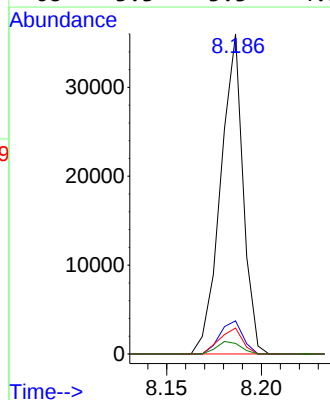
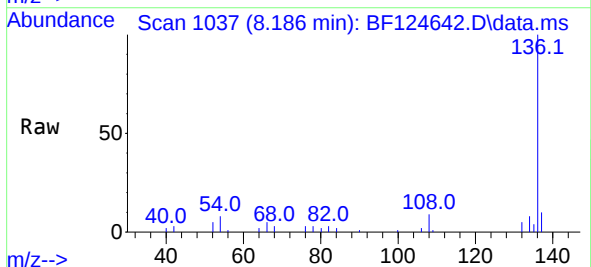
Ion	Ratio	Lower	Upper
99	100		
42	27.4	23.5	35.3
71	32.0	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Tgt Ion: 136 Resp: 29666

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.8	14.6
54	8.1	6.4	9.6
68	3.3	3.3	4.9





#23

Nitrobenzene-d5

Concen: 54.835 ng

RT: 7.463 min Scan# 914

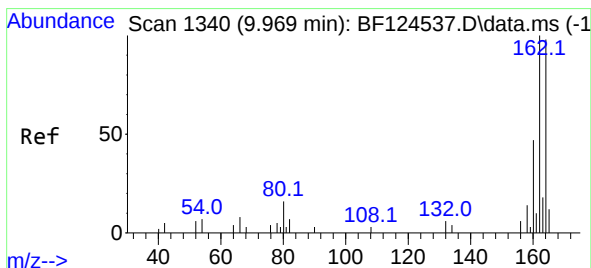
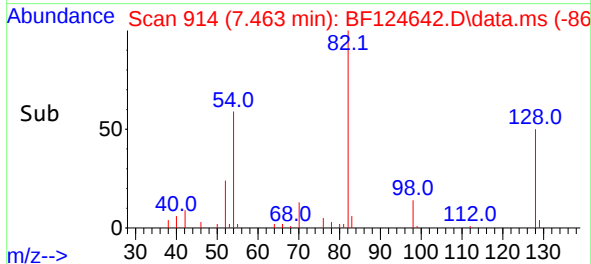
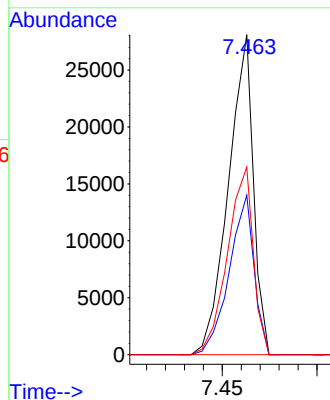
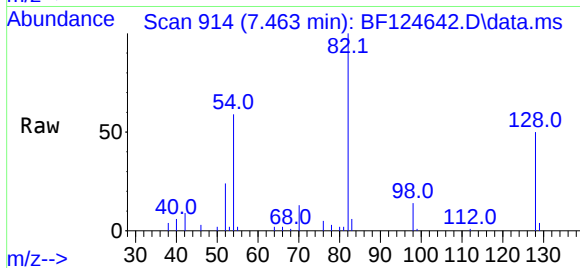
Delta R.T. -0.023 min

Lab File: BF124642.D

Acq: 20 Jul 2021 23:13

Tgt Ion: 82 Resp: 25769

Ion	Ratio	Lower	Upper
82	100		
128	49.8	40.6	60.8
54	58.6	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1336

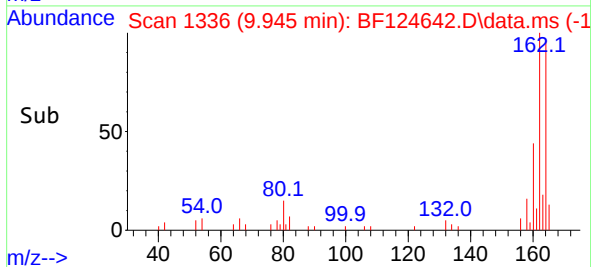
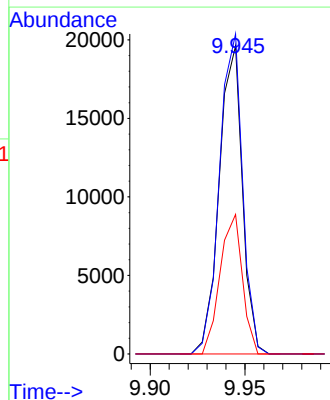
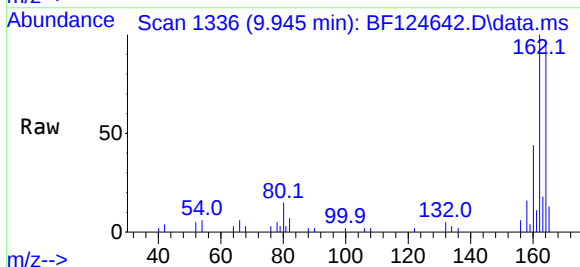
Delta R.T. -0.012 min

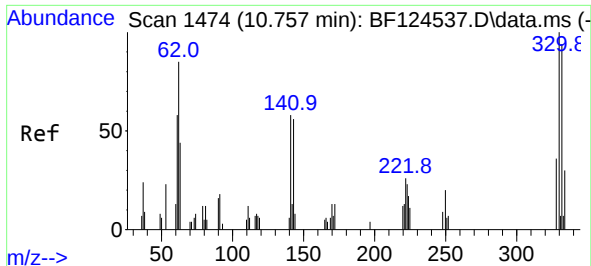
Lab File: BF124642.D

Acq: 20 Jul 2021 23:13

Tgt Ion: 164 Resp: 16715

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.3	121.9
160	45.3	38.0	57.0

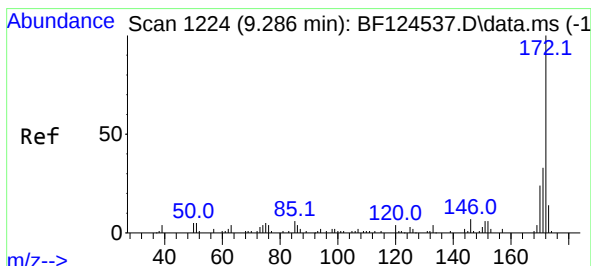
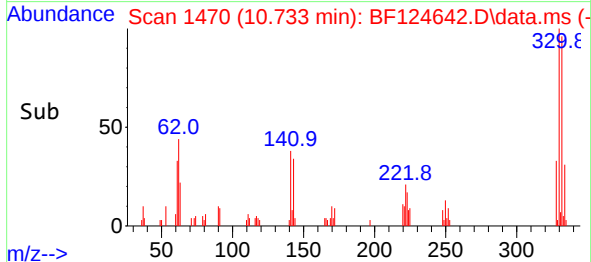
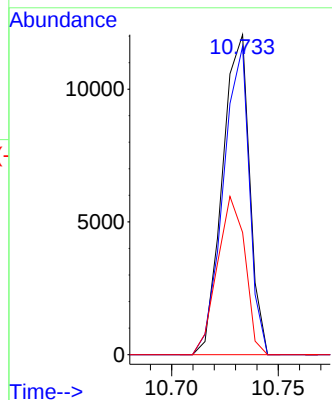
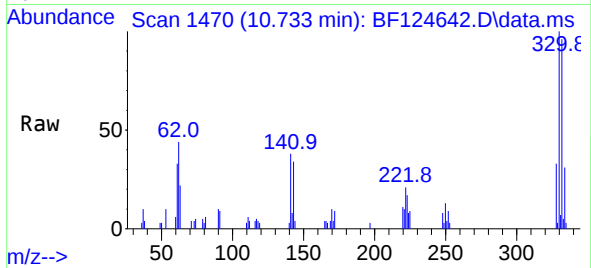




#42
2,4,6-Tribromophenol
Concen: 81.984 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

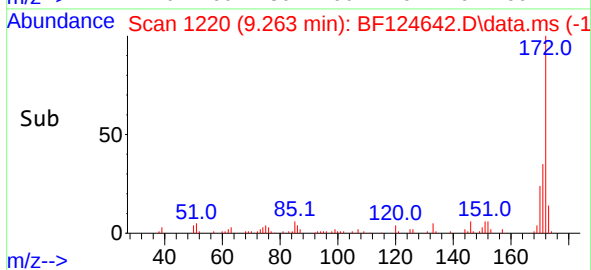
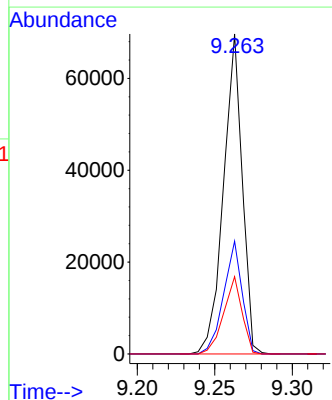
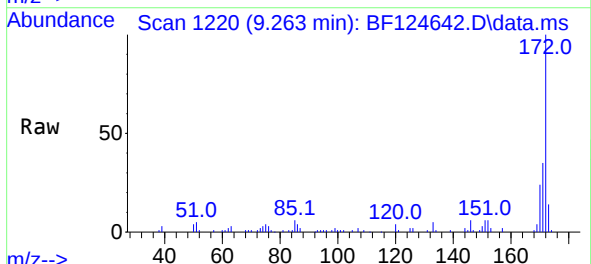
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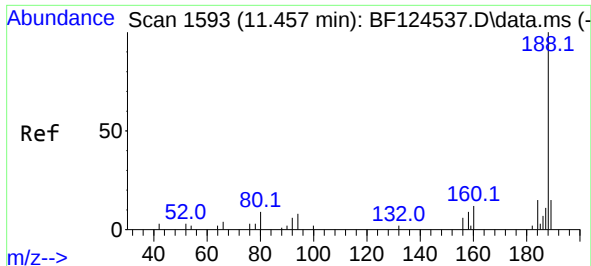
Tgt Ion: 330 Resp: 10664
Ion Ratio Lower Upper
330 100
332 92.5 76.2 114.4
141 50.6 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 50.986 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Tgt Ion: 172 Resp: 58442
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 24.2 18.8 28.2

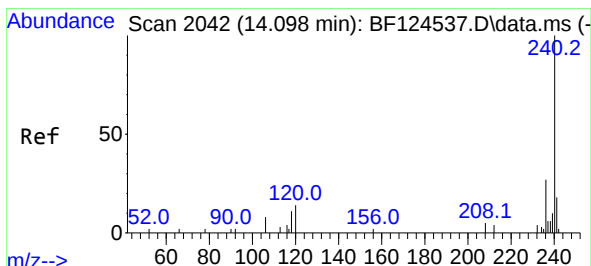
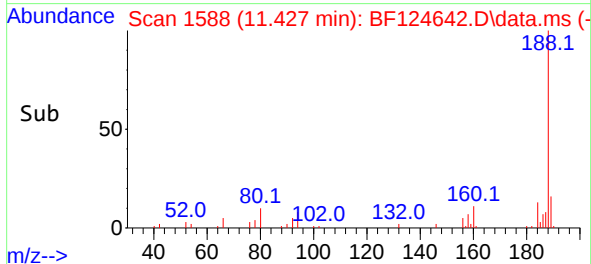
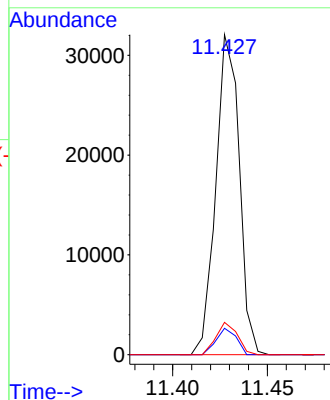
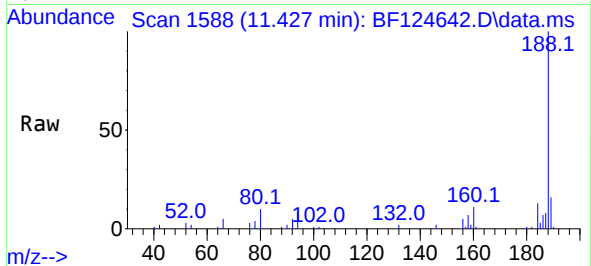




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

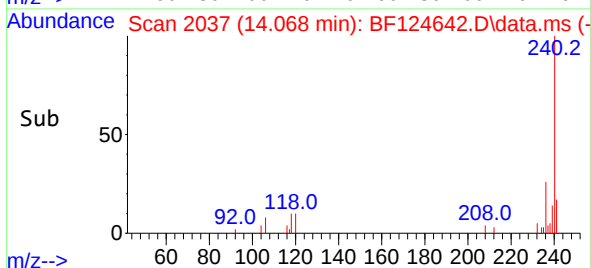
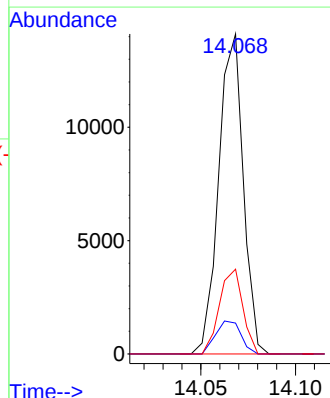
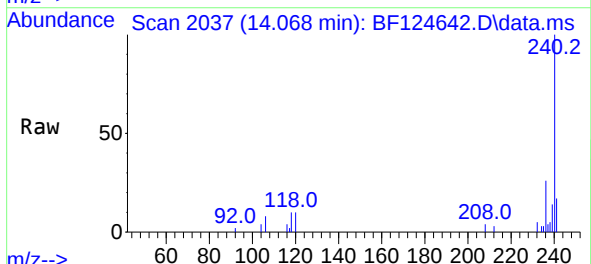
Instrument :
BNA_F
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SU-04-071921

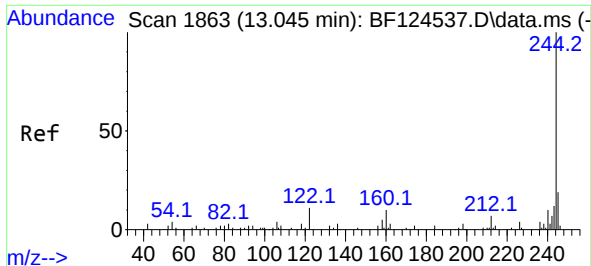
Tgt Ion:188 Resp: 27634
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 10.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Tgt Ion:240 Resp: 12727
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 26.5 21.6 32.4

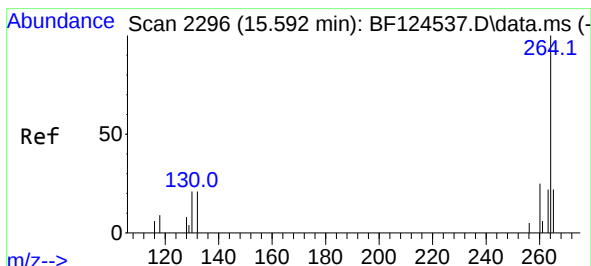
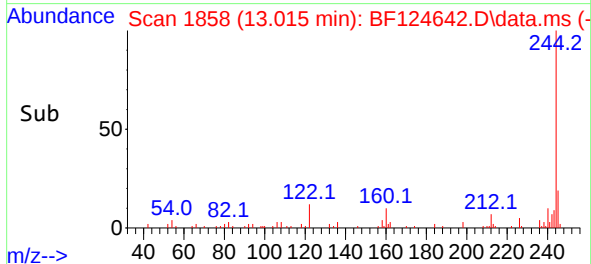
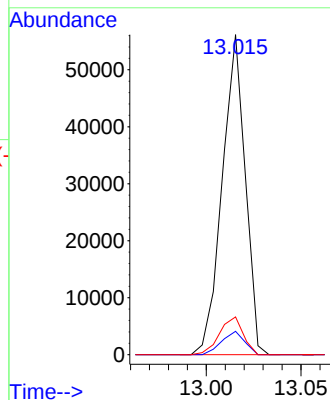
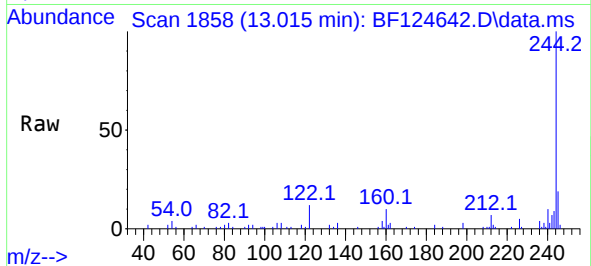




#79
Terphenyl-d14
Concen: 62.653 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.018 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244	Resp:	47486
Ion Ratio	Lower	Upper
244	100	
212	7.3	5.9 8.9
122	11.8	9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BF124642.D
Acq: 20 Jul 2021 23:13

Tgt Ion:264	Resp:	12204
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.6 29.4
265	21.4	17.2 25.8

