

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124648.D
 Acq On : 21 Jul 2021 2:34
 Operator : JU/CG
 Sample : M3051-09 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41213

Quant Time: Jul 21 03:14:47 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	6997	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	26301	20.000	ng	-0.02
39) Acenaphthene-d10	9.945	164	12404	20.000	ng	-0.01
64) Phenanthrene-d10	11.439	188	17631	20.000	ng	0.00
76) Chrysene-d12	14.074	240	13866	20.000	ng	-0.01
86) Perylene-d12	15.562	264	11176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	5492	13.599	ng	-0.03
7) Phenol-d6	6.510	99	4180	8.508	ng	-0.04
23) Nitrobenzene-d5	7.463	82	9906	23.776	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	2526	26.169	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	23097	27.153	ng	-0.02
79) Terphenyl-d14	13.016	244	15789	19.121	ng	-0.02

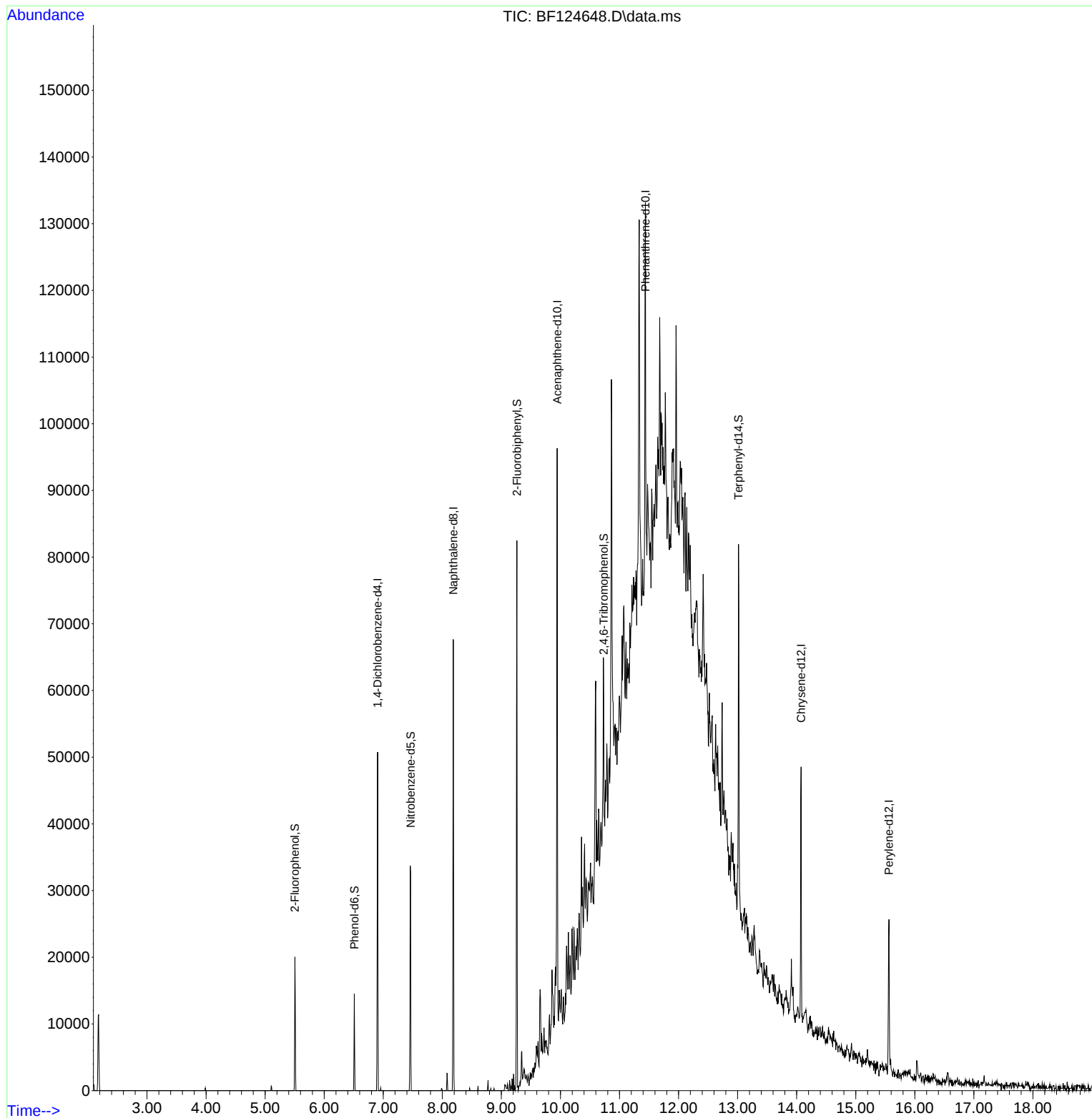
Target Compounds	Qvalue

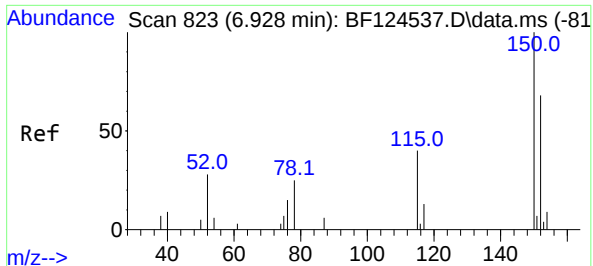
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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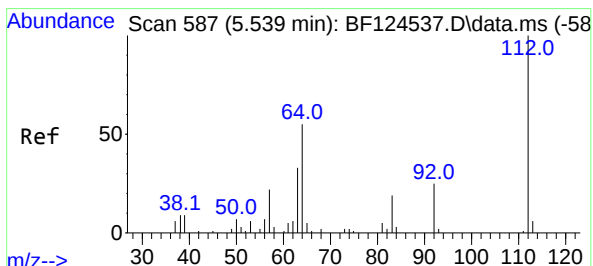
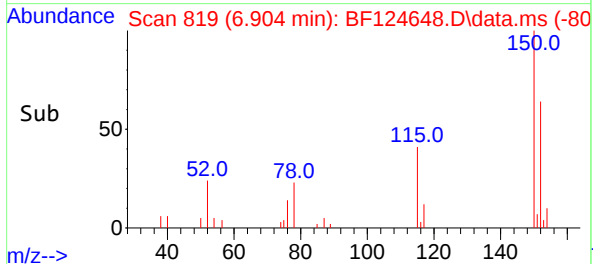
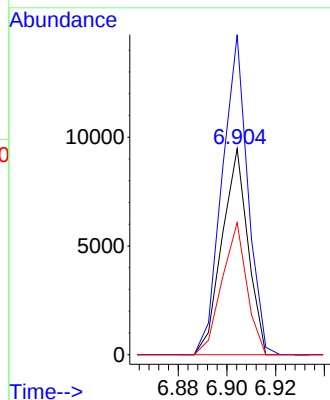
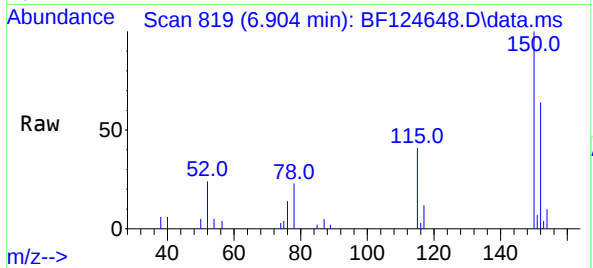




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

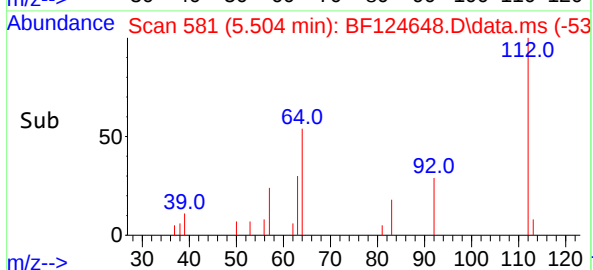
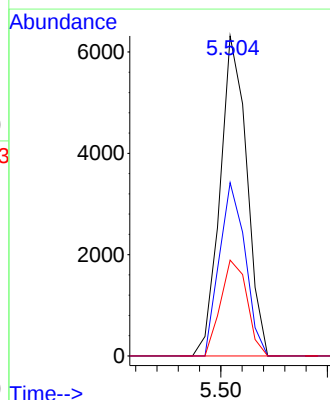
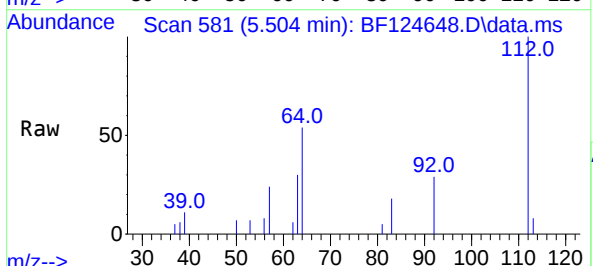
Instrument :
BNA_F
ClientSampled :
41213

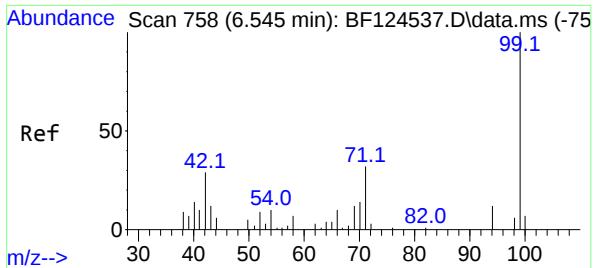
Tgt Ion:152 Resp: 6997
Ion Ratio Lower Upper
152 100
150 155.2 117.6 176.4
115 64.0 47.1 70.7



#5
2-Fluorophenol
Concen: 13.599 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.029 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

Tgt Ion:112 Resp: 5492
Ion Ratio Lower Upper
112 100
64 54.2 44.2 66.2
63 29.9 26.2 39.2



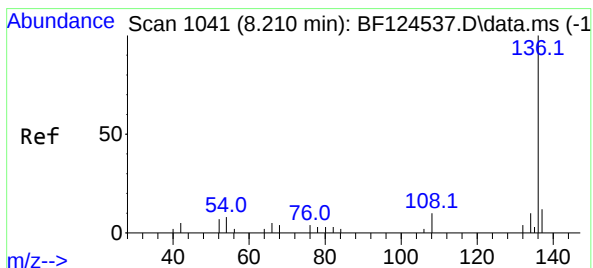
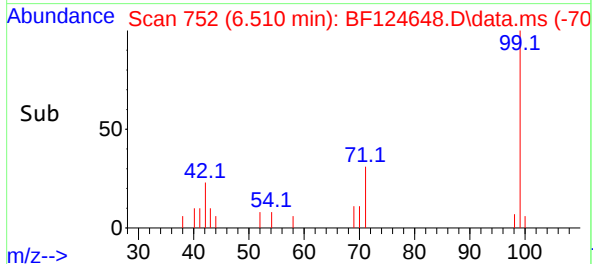
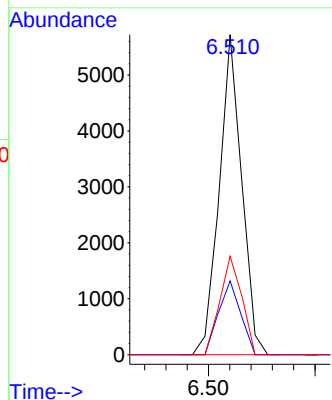
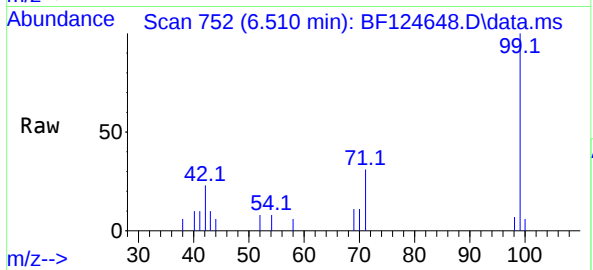


#7
Phenol-d6
Concen: 8.508 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.035 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

Instrument :
BNA_F
ClientSampleId :
41213

Tgt Ion: 99 Resp: 4180

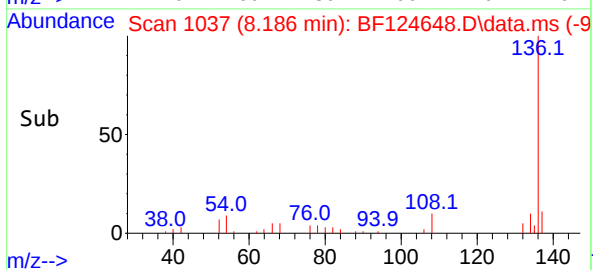
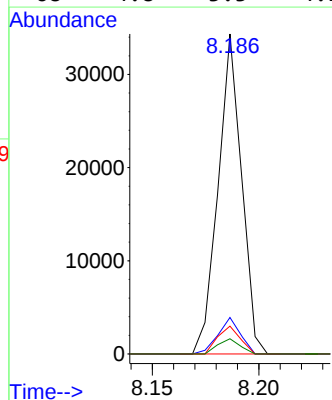
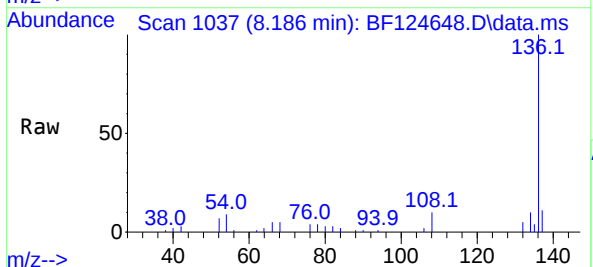
Ion	Ratio	Lower	Upper
99	100		
42	23.1	23.5	35.3#
71	30.7	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

Tgt Ion: 136 Resp: 26301

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	8.7	6.4	9.6
68	4.8	3.3	4.9

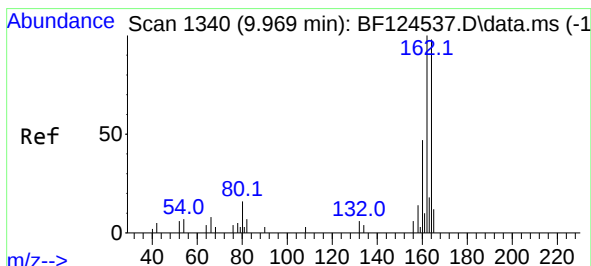
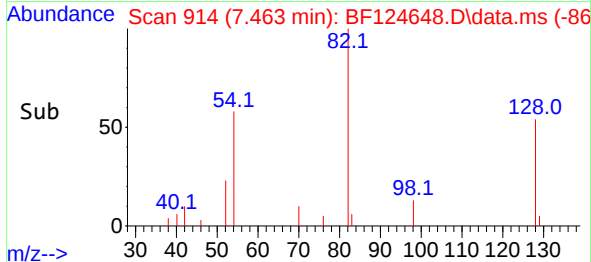
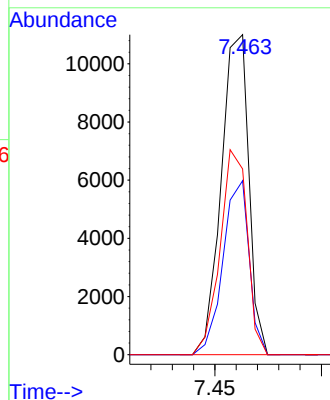
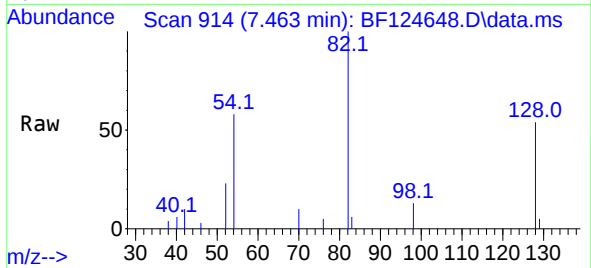




#23
Nitrobenzene-d5
Concen: 23.776 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.023 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

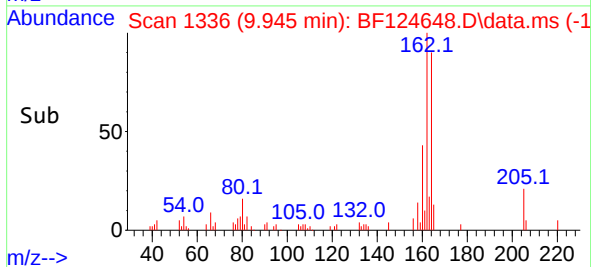
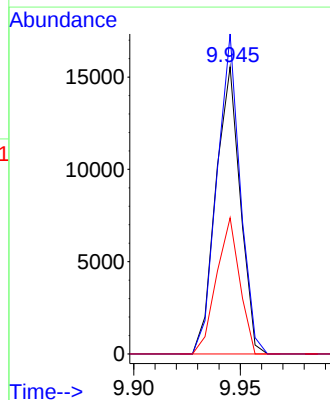
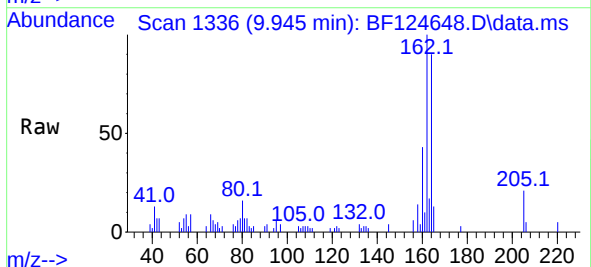
Instrument :
BNA_F
ClientSampleId :
41213

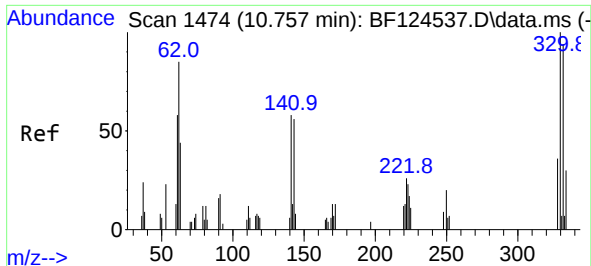
Tgt Ion:	82	Resp:	9906
Ion	Ratio	Lower	Upper
82	100		
128	54.3	40.6	60.8
54	58.0	49.6	74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

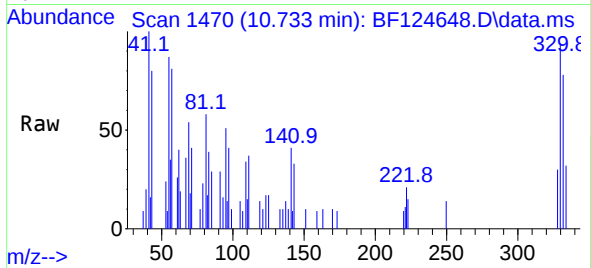
Tgt Ion:	164	Resp:	12404
Ion	Ratio	Lower	Upper
164	100		
162	111.4	81.3	121.9
160	47.4	38.0	57.0



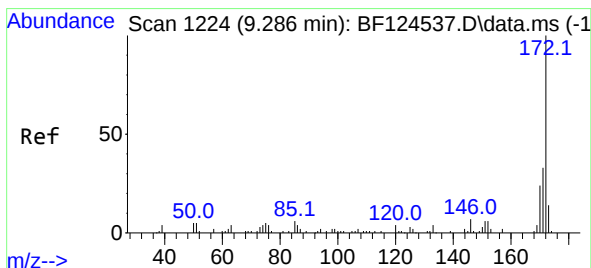
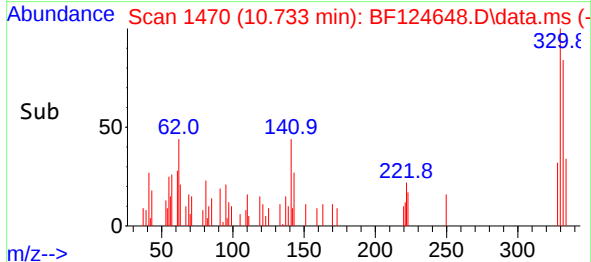
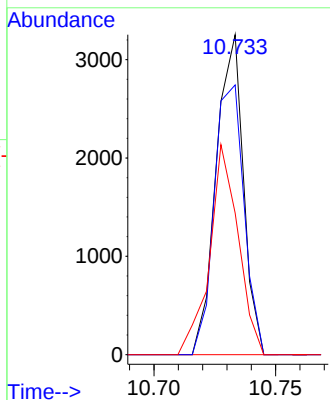


#42
2,4,6-Tribromophenol
Concen: 26.169 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.018 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

Instrument :
BNA_F
ClientSampled :
41213

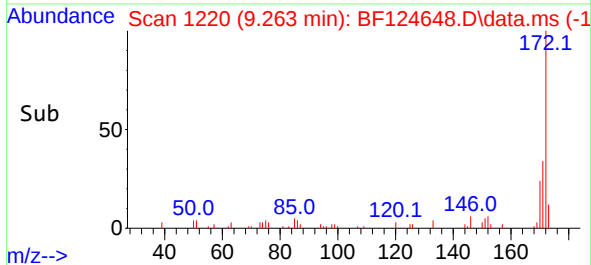
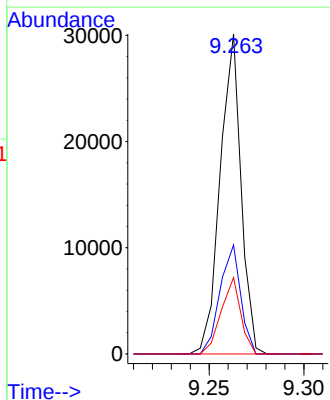
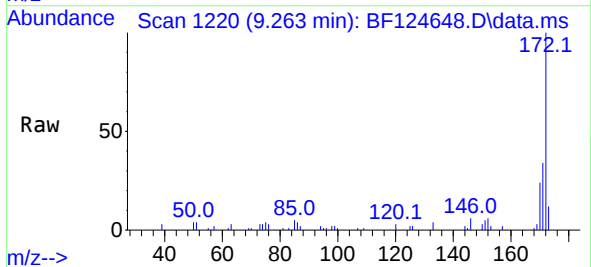


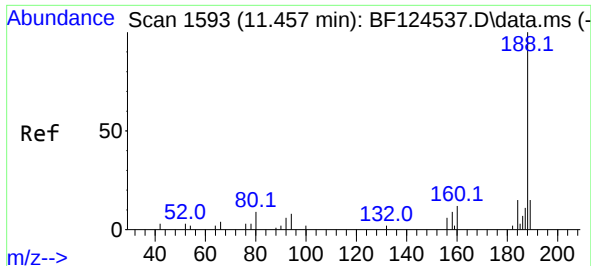
Tgt Ion: 330 Resp: 2526
Ion Ratio Lower Upper
330 100
332 92.6 76.2 114.4
141 68.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 27.153 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.017 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

Tgt Ion: 172 Resp: 23097
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 23.9 18.8 28.2

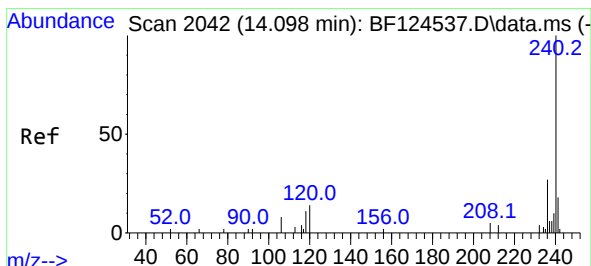
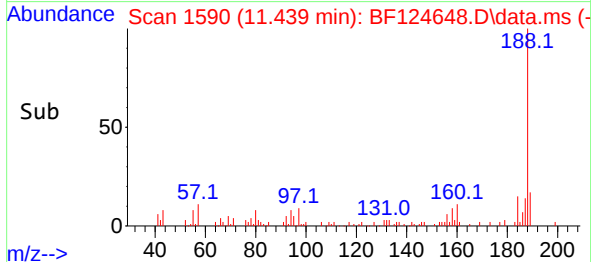
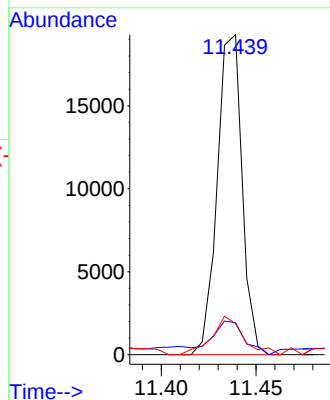
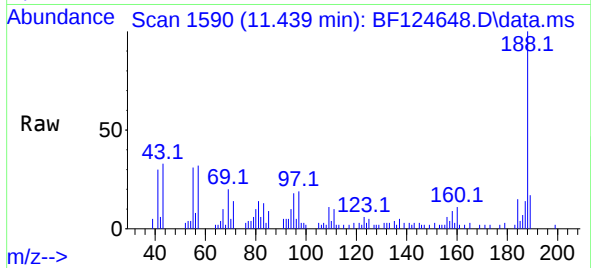




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

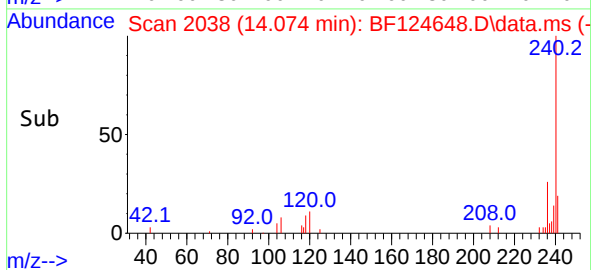
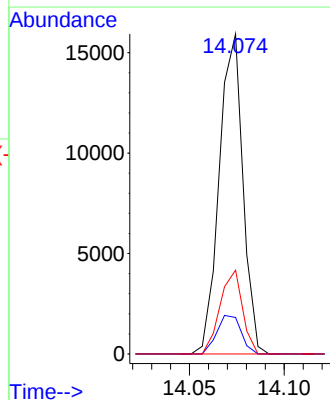
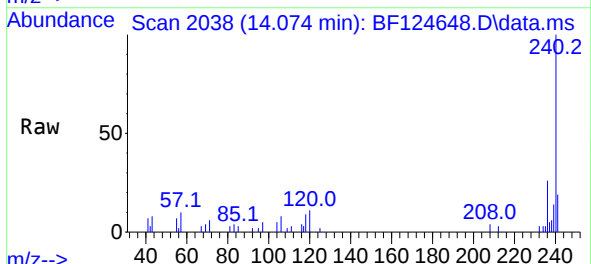
Instrument :
BNA_F
ClientSampled :
41213

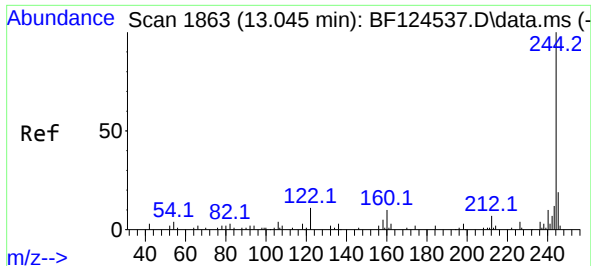
Tgt Ion:188 Resp: 17631
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 9.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

Tgt Ion:240 Resp: 13866
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 26.2 21.6 32.4

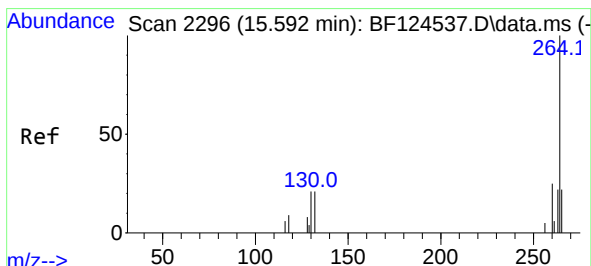
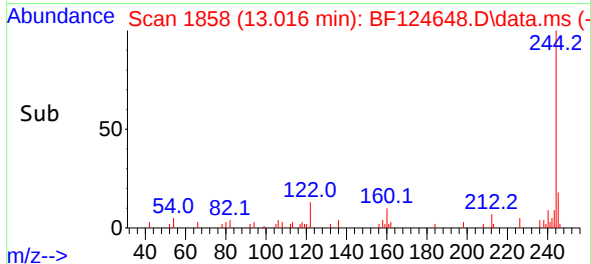
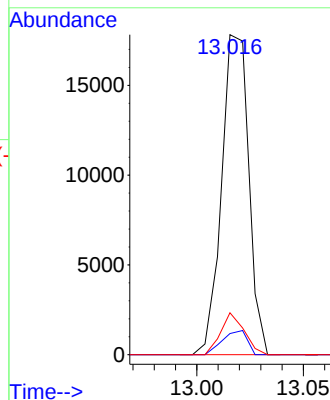
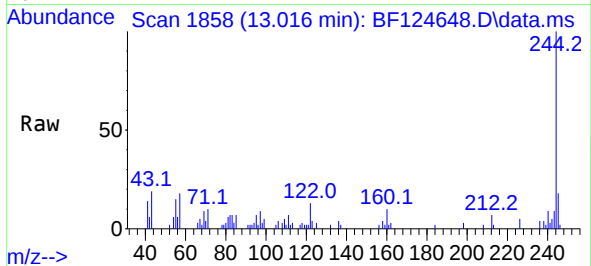




#79
Terphenyl-d14
Concen: 19.121 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.018 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

Instrument :
BNA_F
ClientSampled :
41213

Tgt Ion:244	Resp:	15789
Ion Ratio	Lower	Upper
244	100	
212	6.6	5.9 8.9
122	13.1	9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

Tgt Ion:264	Resp:	11176
Ion Ratio	Lower	Upper
264	100	
260	22.1	19.6 29.4
265	19.3	17.2 25.8

