

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124427.D
 Acq On : 22 Jun 2021 23:18
 Operator : JU/CG
 Sample : M2789-23
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1ST-WALLS

Quant Time: Jun 23 02:52:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

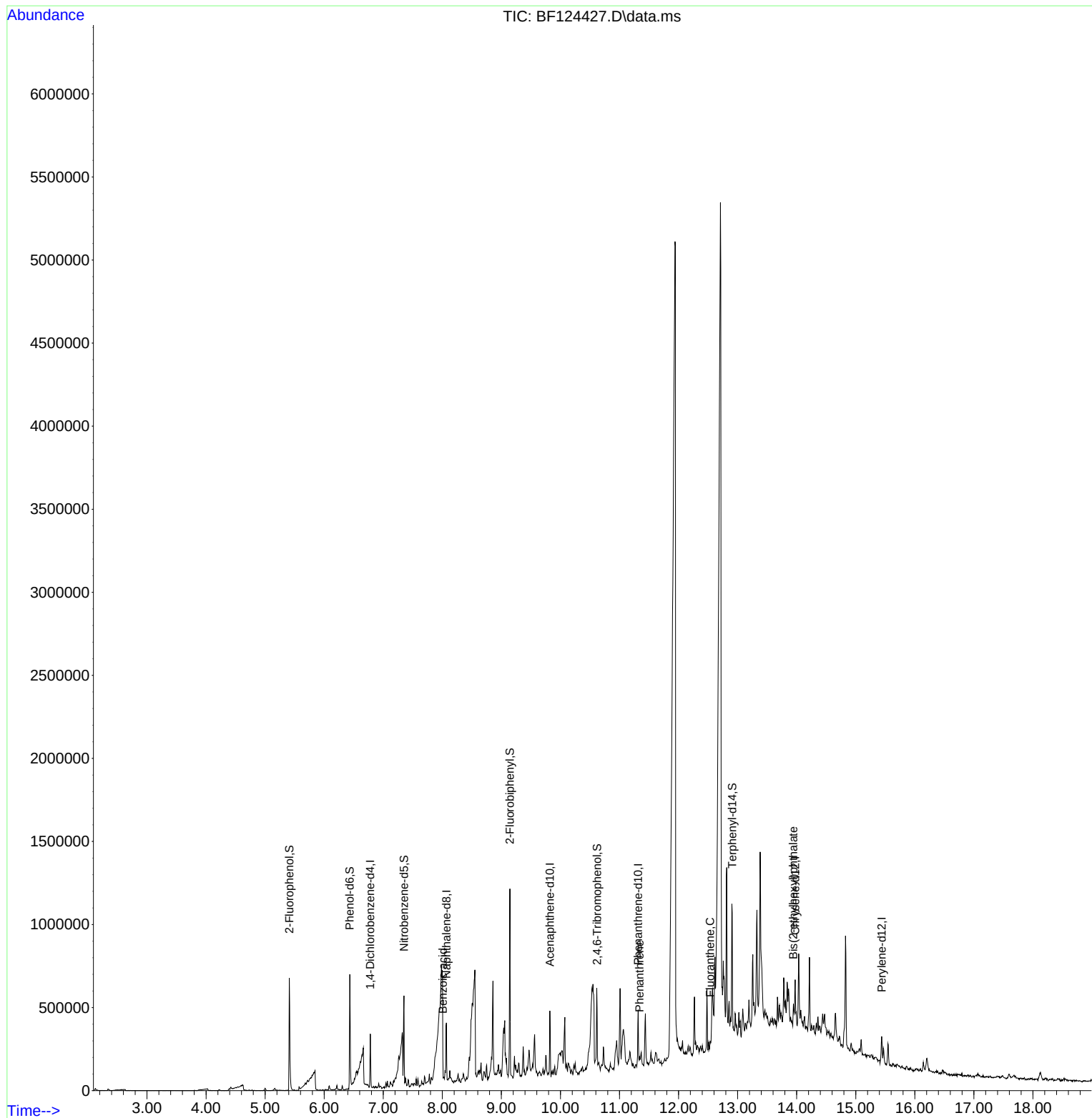
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	37967	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	133424	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	65291	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	97438	20.000	ng	0.00
76) Chrysene-d12	13.974	240	76702	20.000	ng	# 0.01
86) Perylene-d12	15.439	264	61390	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	160158	63.501	ng	0.00
7) Phenol-d6	6.434	99	191312	56.432	ng	-0.01
23) Nitrobenzene-d5	7.351	82	150114	44.623	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	48313	52.229	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	276336	53.259	ng	0.00
79) Terphenyl-d14	12.910	244	226839	40.604	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	8.010	122	8156	6.253	ng	88
71) Phenanthrene	11.339	178	15762	2.590	ng	# 90
75) Fluoranthene	12.533	202	14506	2.270	ng	93
84) Bis(2-ethylhexyl)phtha...	13.945	149	29731	8.365	ng	# 95

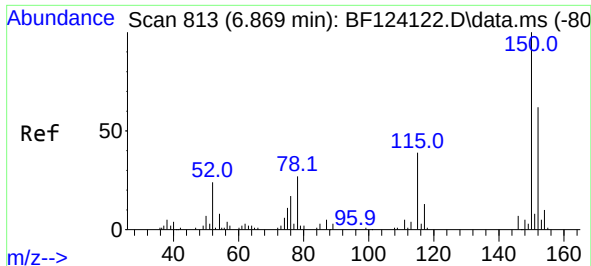
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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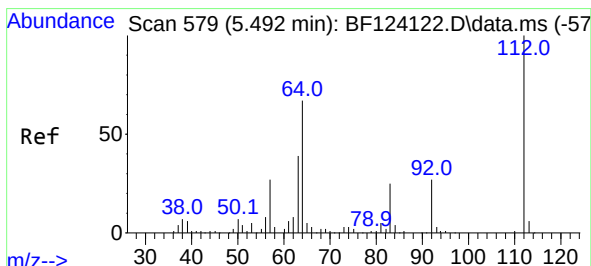
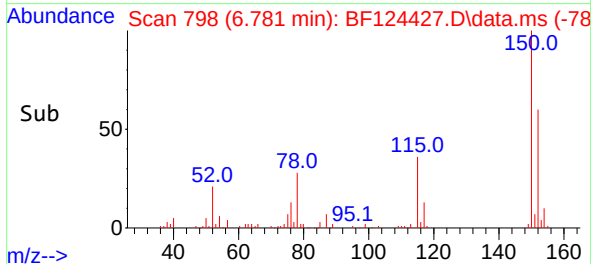
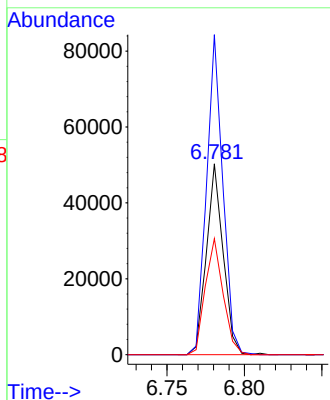
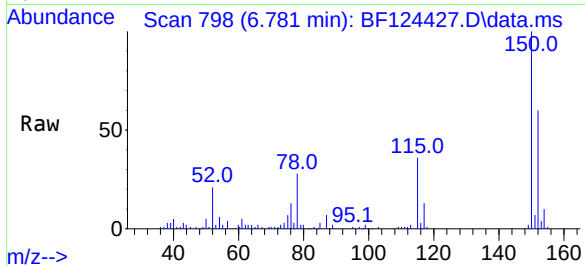




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

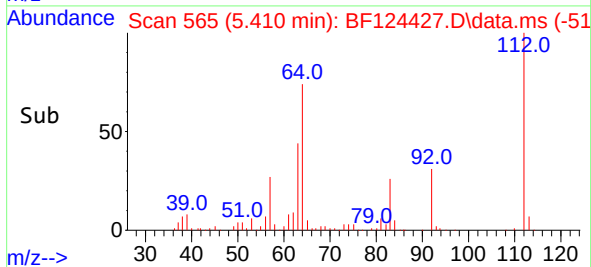
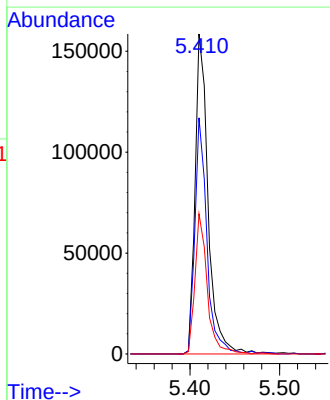
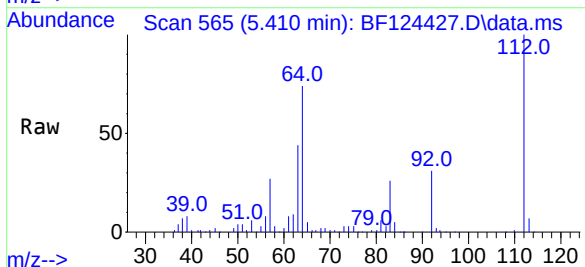
Instrument :
BNA_F
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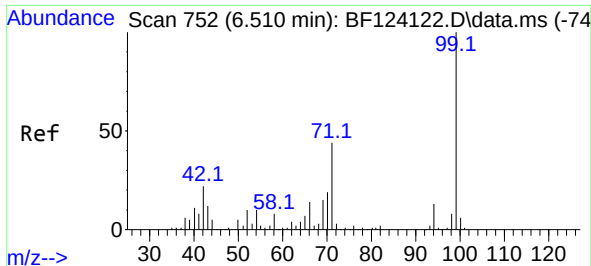
Tgt Ion:152 Resp: 37967
Ion Ratio Lower Upper
152 100
150 167.6 127.0 190.6
115 60.8 54.3 81.5



#5
2-Fluorophenol
Concen: 63.501 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Tgt Ion:112 Resp: 160158
Ion Ratio Lower Upper
112 100
64 73.8 61.4 92.0
63 43.8 33.0 49.4

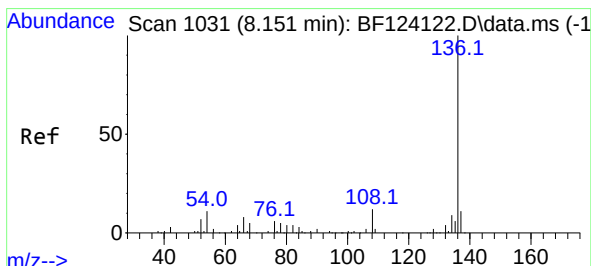
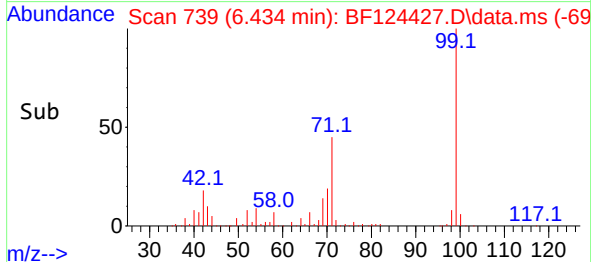
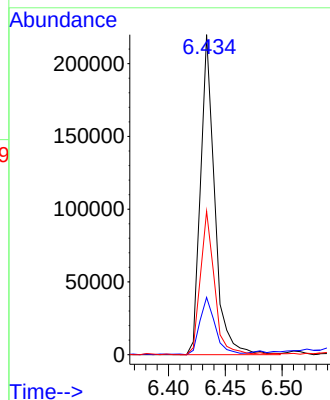
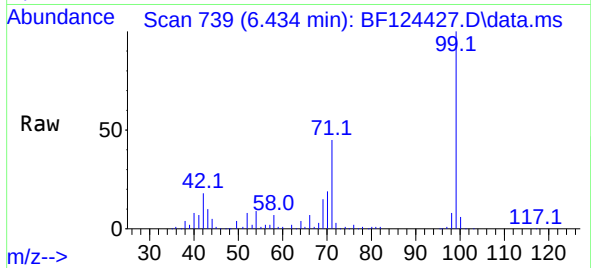




#7
Phenol-d6
Concen: 56.432 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

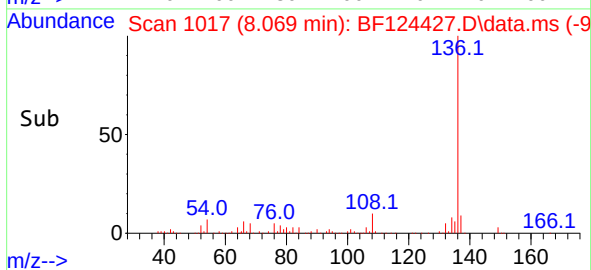
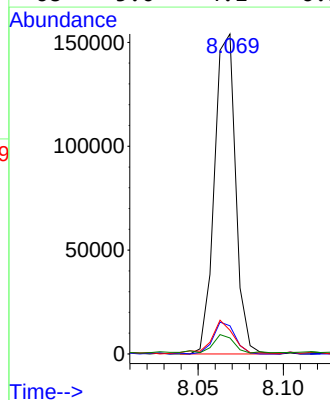
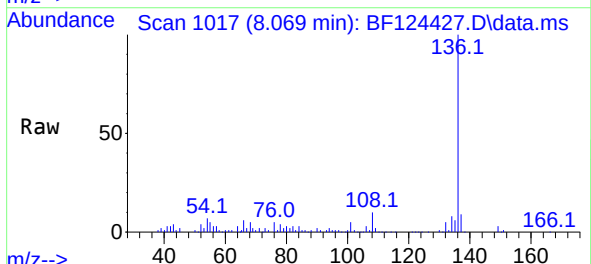
Instrument :
BNA_F
ClientSampleId :
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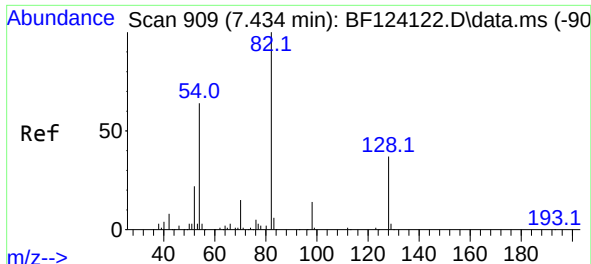
Tgt Ion: 99 Resp: 191312
Ion Ratio Lower Upper
99 100
42 17.9 19.8 29.8#
71 44.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Tgt Ion: 136 Resp: 133424
Ion Ratio Lower Upper
136 100
137 8.8 8.7 13.1
54 7.4 9.8 14.6#
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 44.623 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF124427.D

Acq: 22 Jun 2021 23:18

Instrument :

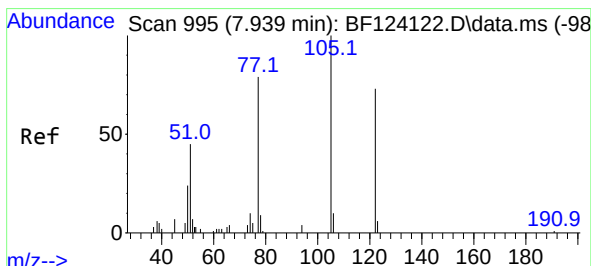
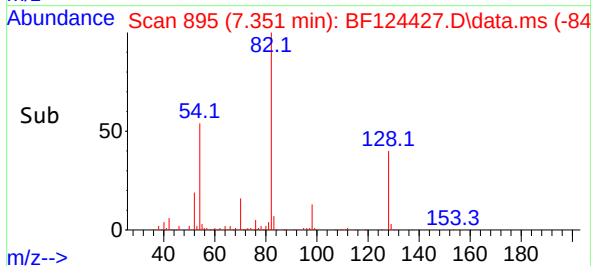
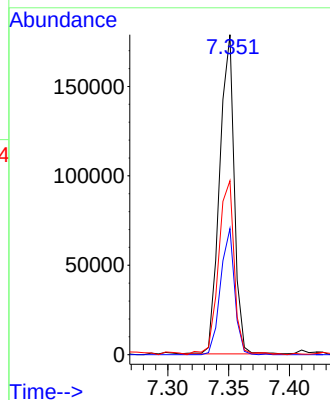
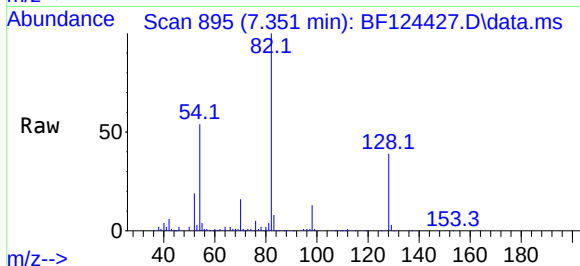
BNA_F

ClientSampleId :

1ST-WALLS

Tgt Ion: 82 Resp: 150114

Ion	Ratio	Lower	Upper
82	100		
128	39.4	29.4	44.2
54	54.3	54.1	81.1



#32

Benzoic acid

Concen: 6.253 ng

RT: 8.010 min Scan# 1007

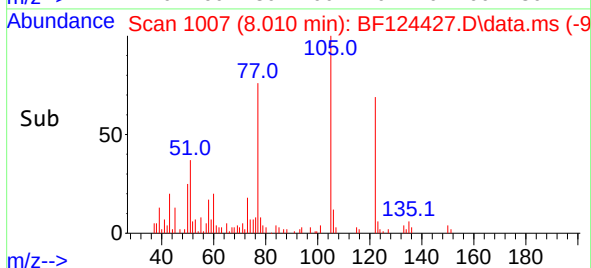
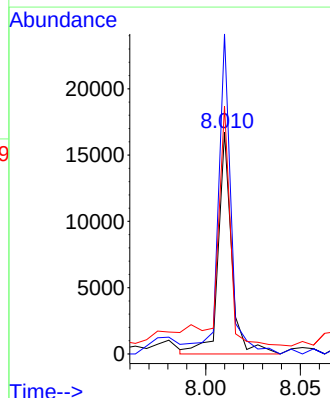
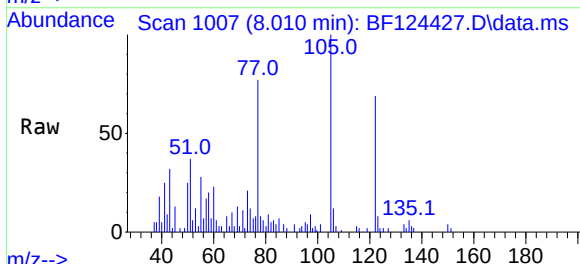
Delta R.T. 0.129 min

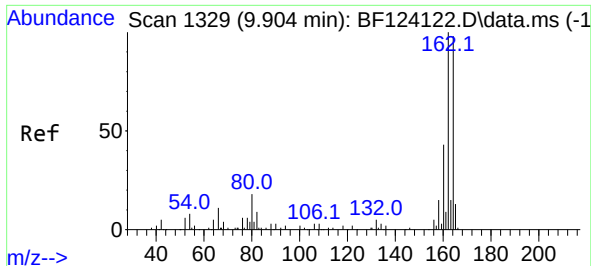
Lab File: BF124427.D

Acq: 22 Jun 2021 23:18

Tgt Ion: 122 Resp: 8156

Ion	Ratio	Lower	Upper
122	100		
105	144.4	107.8	147.8
77	111.8	81.6	121.6

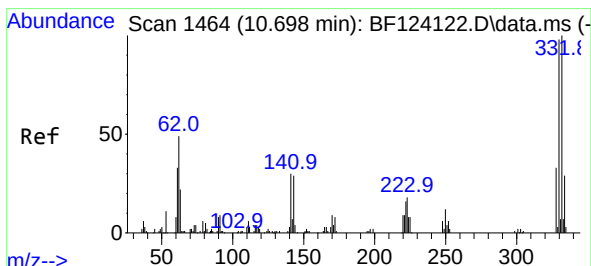
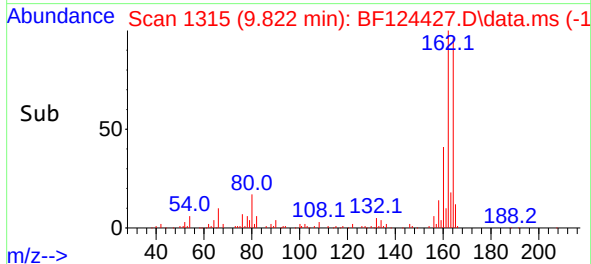
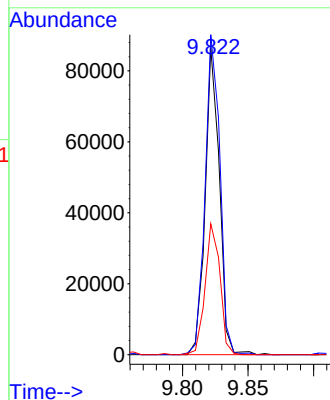
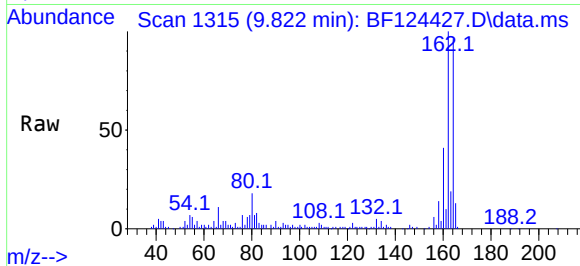




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

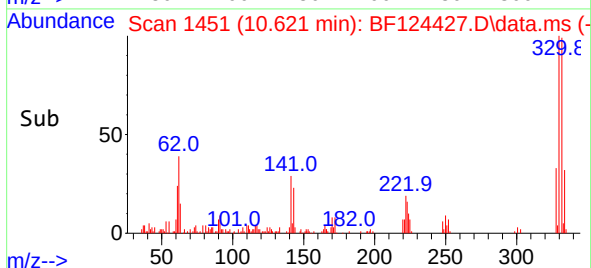
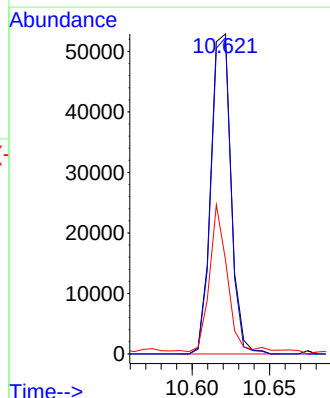
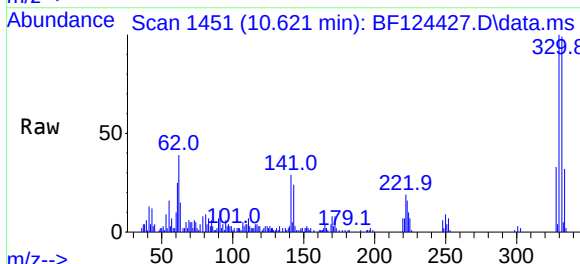
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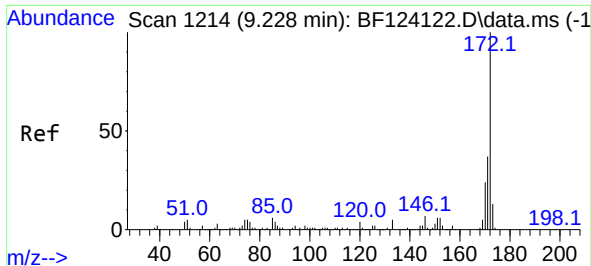
Tgt Ion:164 Resp: 65291
Ion Ratio Lower Upper
164 100
162 104.2 80.7 121.1
160 42.6 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 52.229 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Tgt Ion:330 Resp: 48313
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 44.2 27.9 41.9#

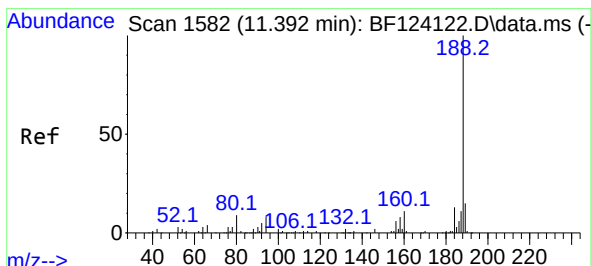
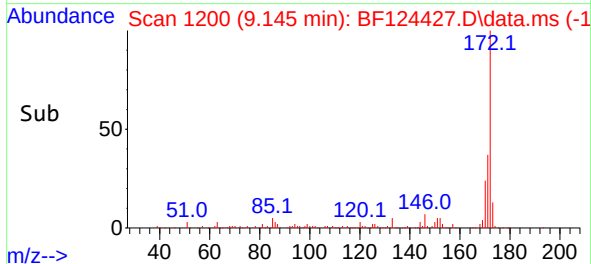
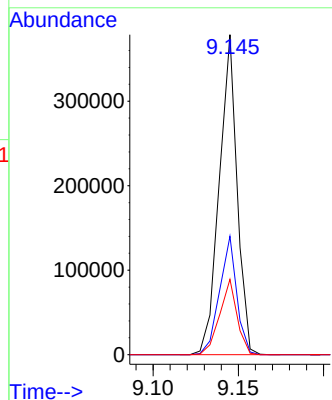
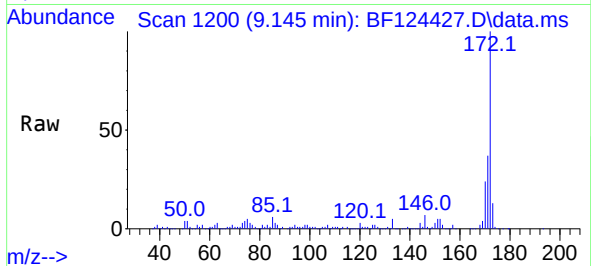




#45
2-Fluorobiphenyl
Concen: 53.259 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

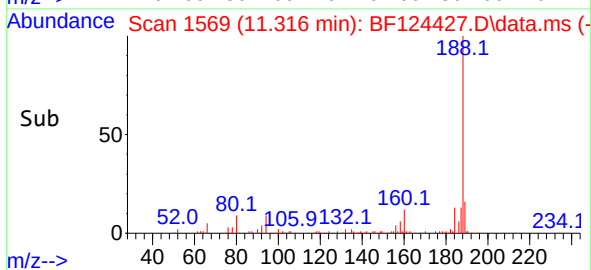
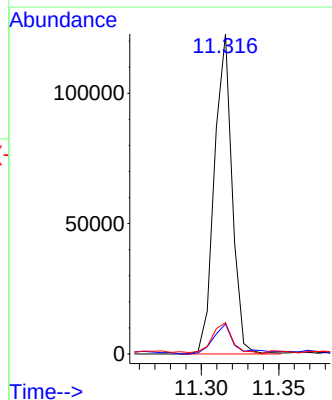
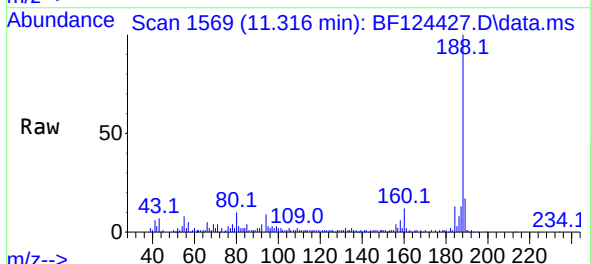
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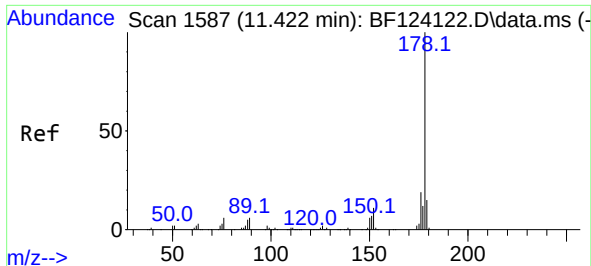
Tgt Ion:172 Resp: 276336
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 23.6 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Tgt Ion:188 Resp: 97438
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 9.8 8.2 12.2

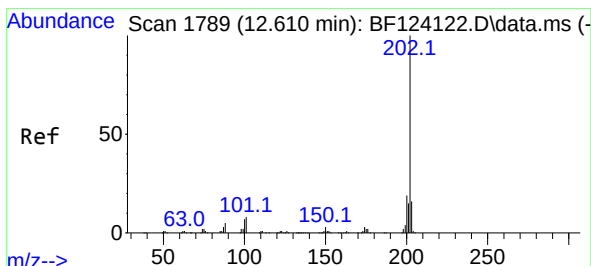
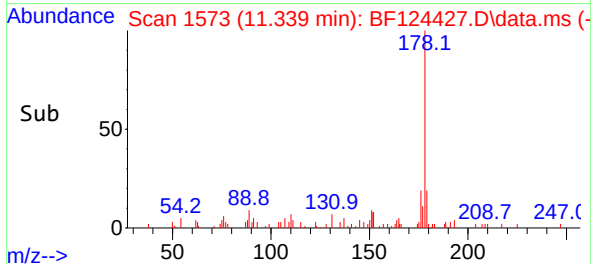
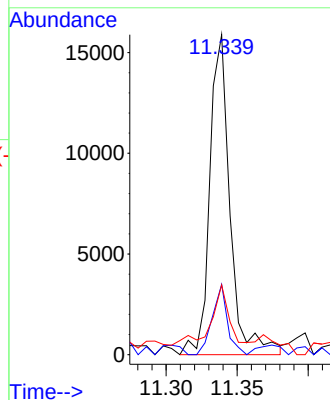
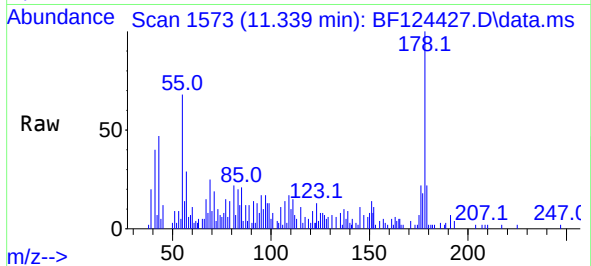




#71
Phenanthrene
Concen: 2.590 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

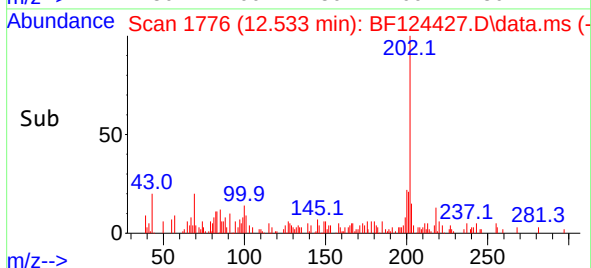
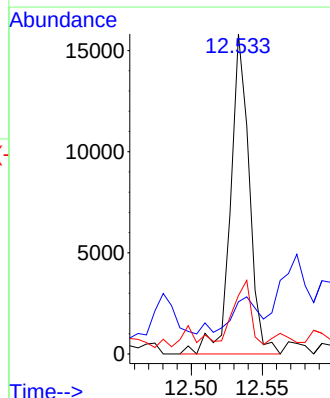
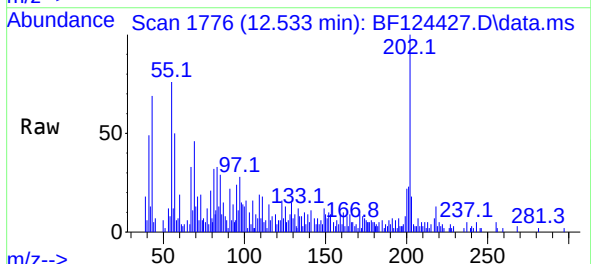
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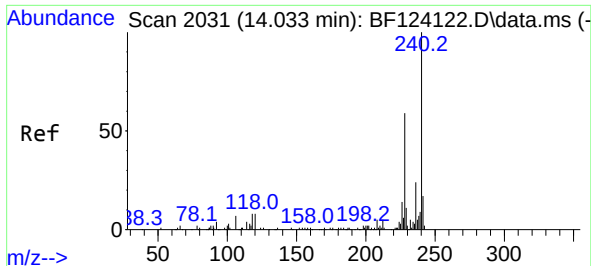
Tgt Ion:	178	Resp:	15762
Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.6	23.4
179	21.8	12.5	18.7#



#75
Fluoranthene
Concen: 2.270 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Tgt Ion:	202	Resp:	14506
Ion	Ratio	Lower	Upper
202	100		
101	16.3	0.0	30.9
203	18.3	0.0	37.5

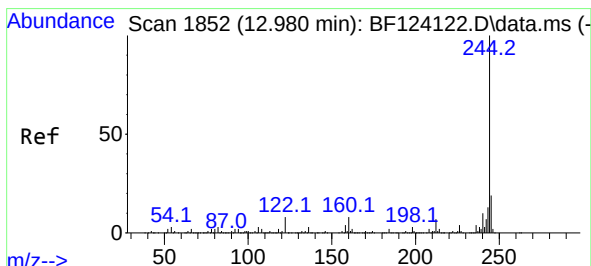
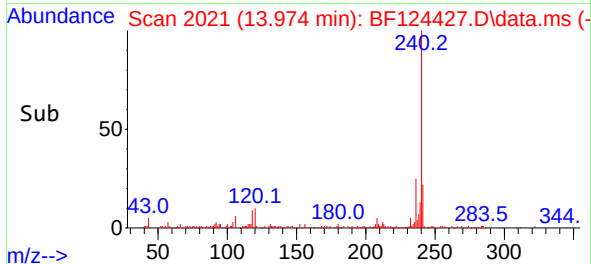
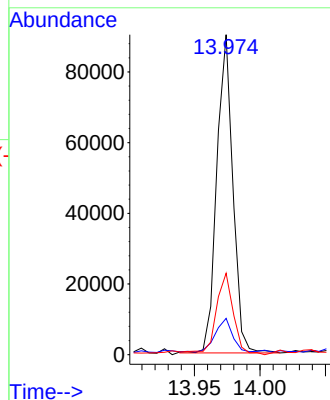
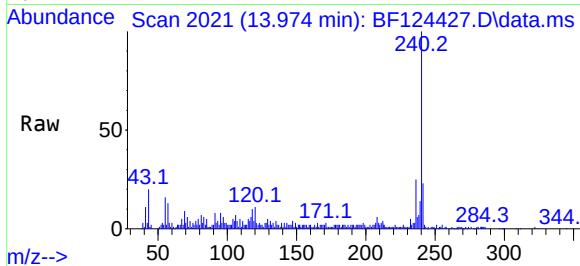




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.012 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

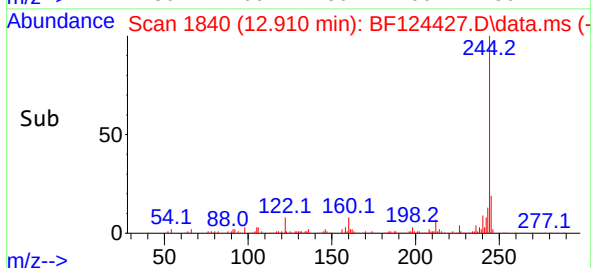
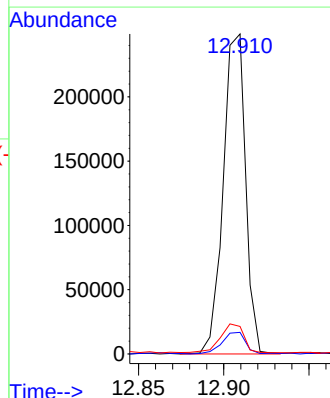
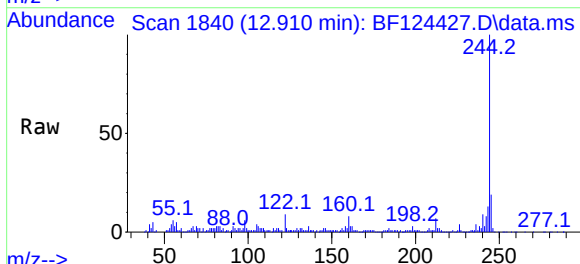
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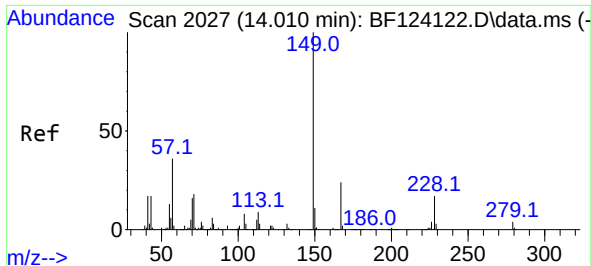
Tgt Ion:240 Resp: 76702
Ion Ratio Lower Upper
240 100
120 11.4 7.2 10.8#
236 25.5 19.0 28.4



#79
Terphenyl-d14
Concen: 40.604 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Tgt Ion:244 Resp: 226839
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 8.6 9.7 14.5#

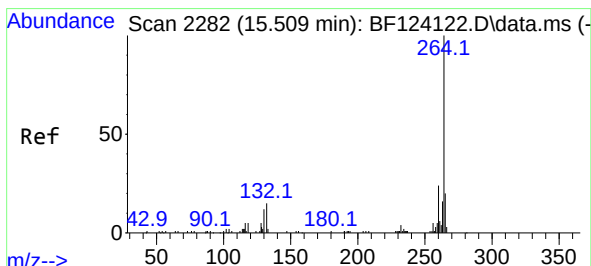
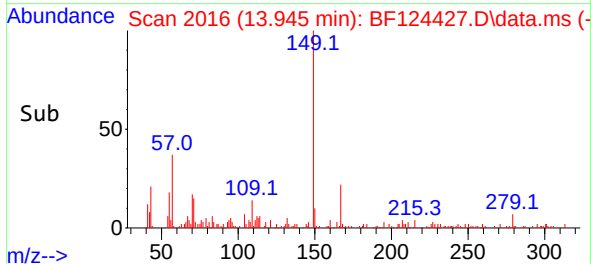
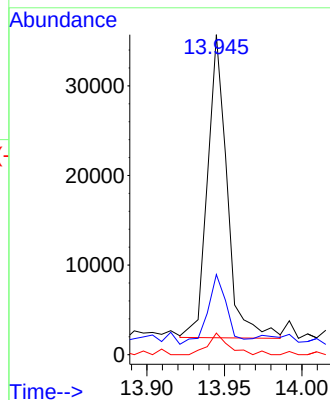
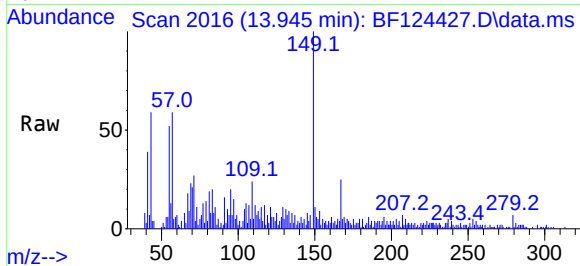




#84
Bis(2-ethylhexyl)phthalate
Concen: 8.365 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Instrument :
BNA_F
ClientSampleId :
1ST-WALLS

Tgt Ion:	149	Resp:	29731
Ion Ratio	Lower	Upper	
149	100		
167	25.0	21.8	32.6
279	6.7	3.3	4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.024 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Tgt Ion:	264	Resp:	61390
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.7	28.1
265	19.7	17.8	26.8

