

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
 Data File : BF127272.D
 Acq On : 08 Mar 2022 21:53
 Operator : CG\JU
 Sample : N1827-13 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-291

Quant Time: Mar 09 12:05:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

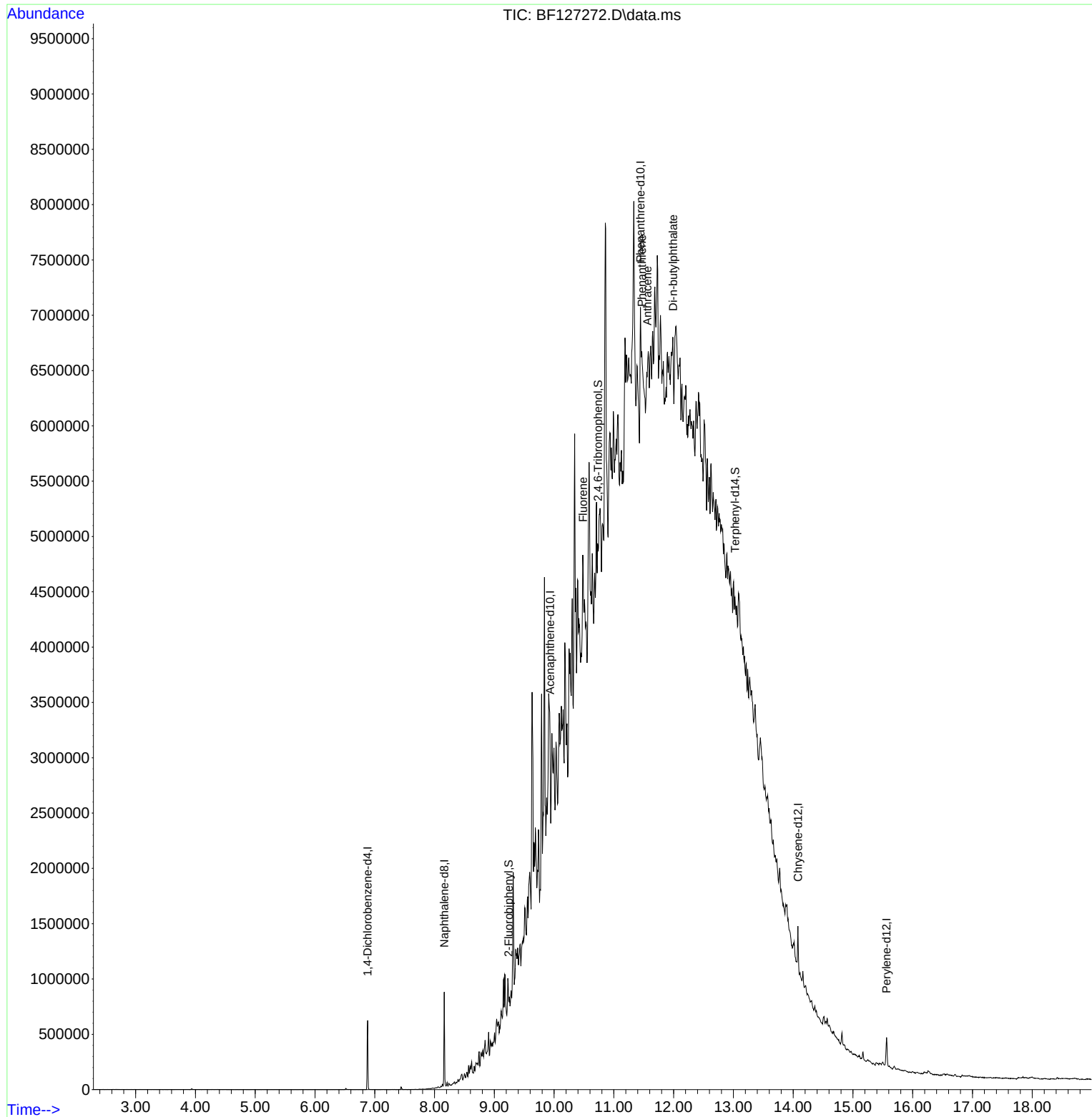
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	83164	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	313573	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	123417	20.000	ng	0.01
64) Phenanthrene-d10	11.445	188	163720	20.000	ng	# 0.03
76) Chrysene-d12	14.080	240	119148	20.000	ng	# 0.02
86) Perylene-d12	15.562	264	103853	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	68	0.013	ng	0.02
7) Phenol-d6	6.516	99	5270	0.726	ng	0.00
23) Nitrobenzene-d5	7.439	82	8116	1.168	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	4049	2.849	ng	0.02
45) 2-Fluorobiphenyl	9.239	172	25610	3.055	ng	0.00
79) Terphenyl-d14	13.027	244	23538	2.904	ng	0.03
Target Compounds						
						Qvalue
58) Fluorene	10.486	166	18923	2.306	ng	# 19
71) Phenanthrene	11.469	178	150410	16.414	ng	# 82
72) Anthracene	11.563	178	31046	3.403	ng	# 1
74) Di-n-butylphthalate	11.992	149	46949	4.365	ng	# 27

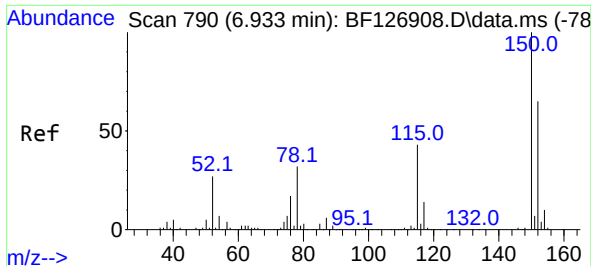
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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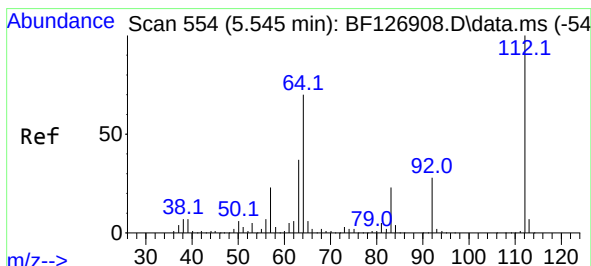
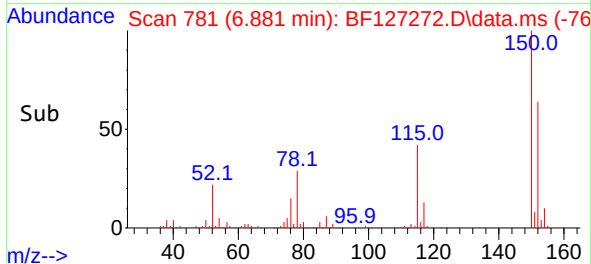
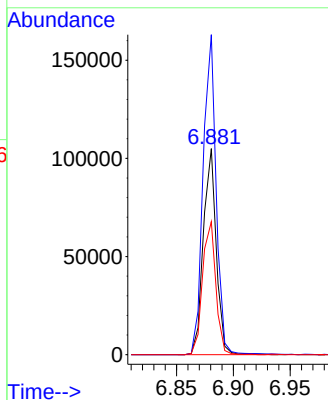
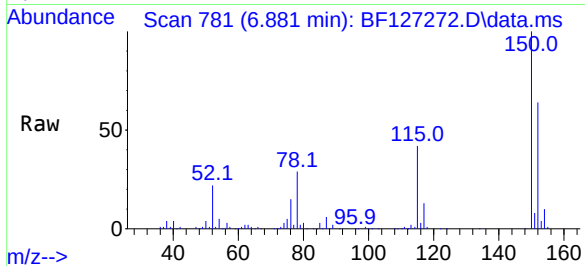




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127272.D
Acq: 08 Mar 2022 21:53

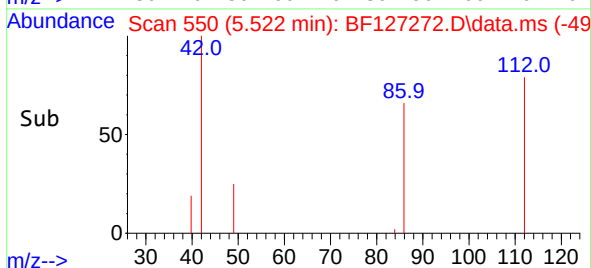
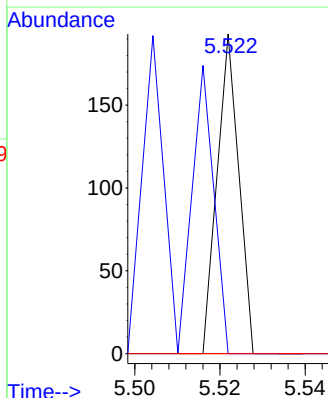
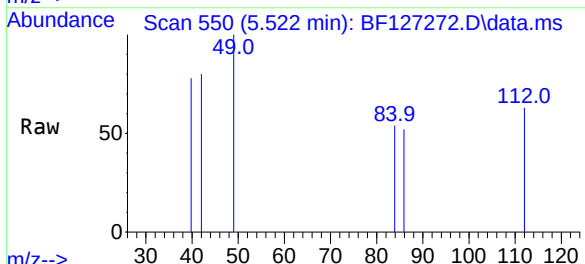
Instrument :
BNA_F
ClientSampleId :
RO-291

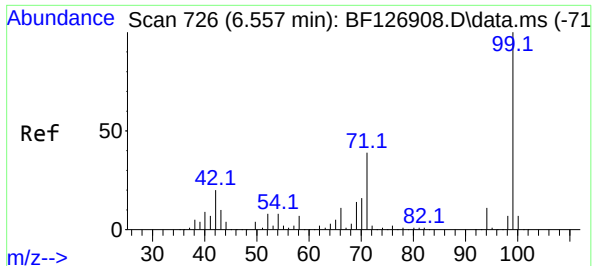
Tgt Ion:152 Resp: 83164
Ion Ratio Lower Upper
152 100
150 155.3 128.1 192.1
115 64.5 56.7 85.1



#5
2-Fluorophenol
Concen: 0.013 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.023 min
Lab File: BF127272.D
Acq: 08 Mar 2022 21:53

Tgt Ion:112 Resp: 68
Ion Ratio Lower Upper
112 100
64 0.0 49.5 74.3#
63 0.0 23.9 35.9#

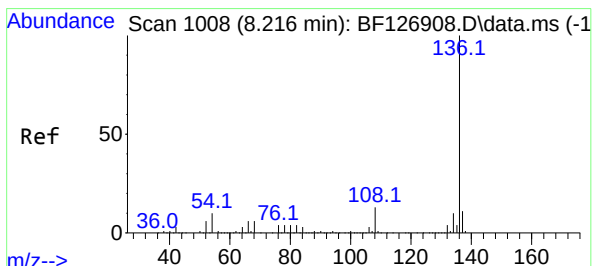
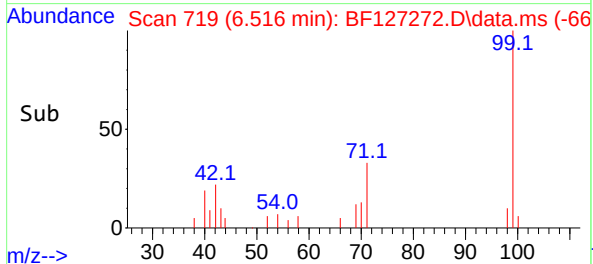
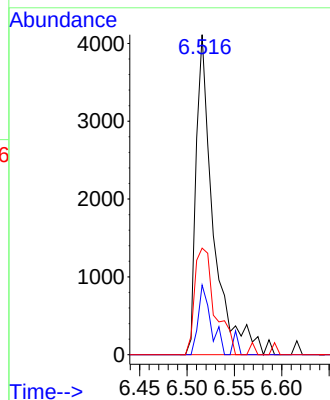
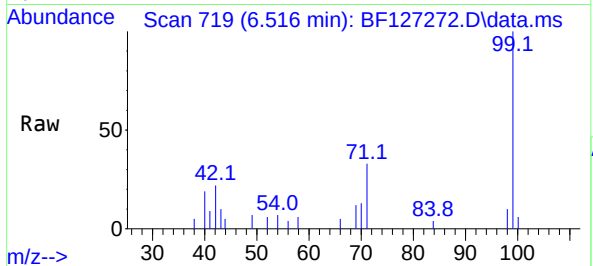




#7
Phenol-d6
Concen: 0.726 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127272.D
Acq: 08 Mar 2022 21:53

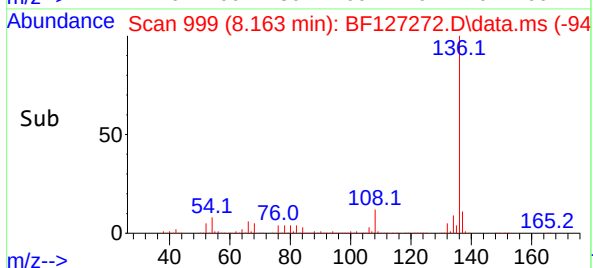
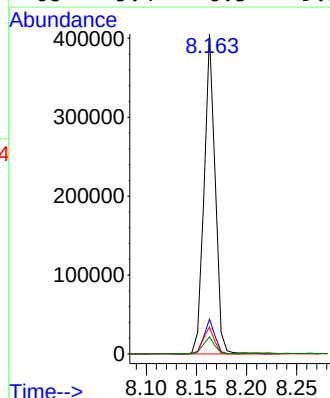
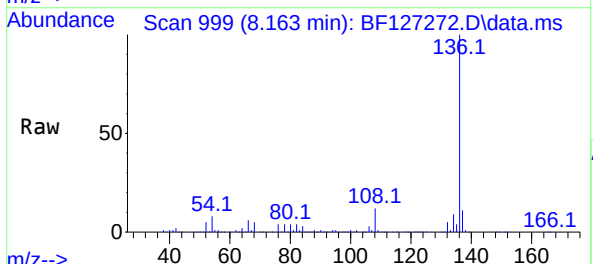
Instrument :
BNA_F
ClientSampleId :
RO-291

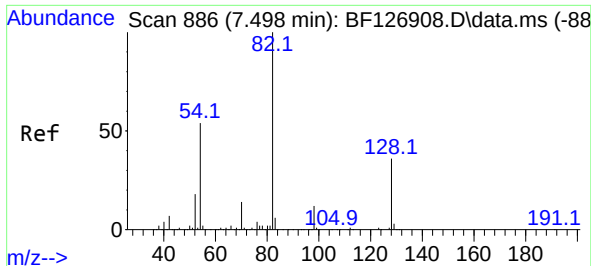
Tgt Ion: 99 Resp: 5270
Ion Ratio Lower Upper
99 100
42 21.7 14.2 21.4#
71 33.3 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF127272.D
Acq: 08 Mar 2022 21:53

Tgt Ion: 136 Resp: 313573
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 7.8 11.6
68 5.4 6.3 9.5#

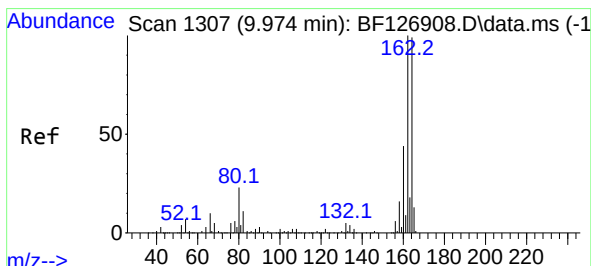
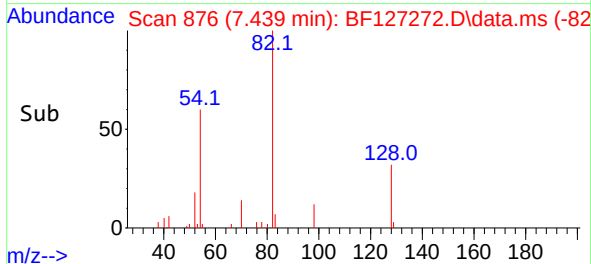
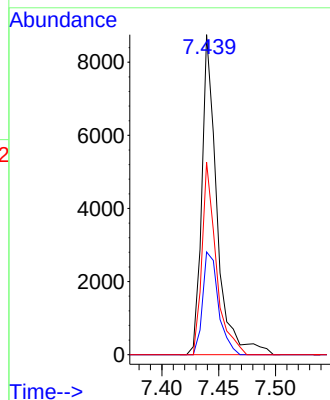
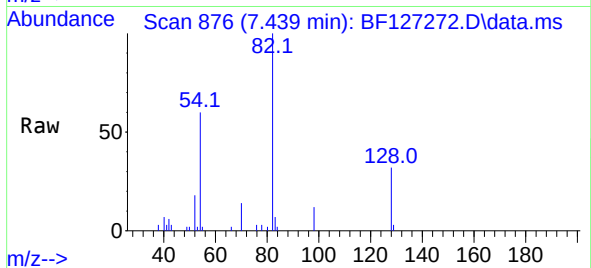




#23
Nitrobenzene-d5
Concen: 1.168 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127272.D
Acq: 08 Mar 2022 21:53

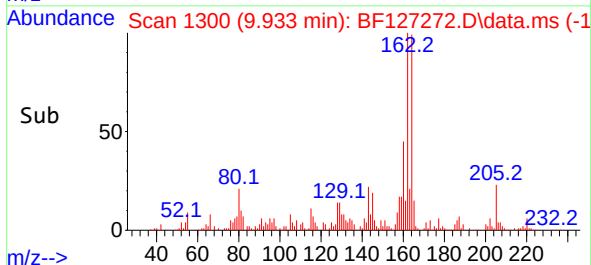
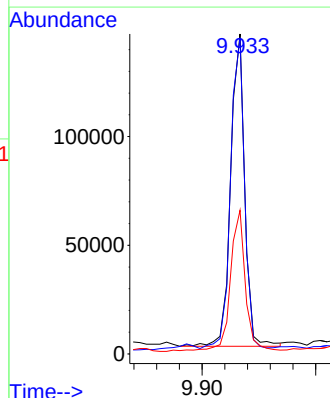
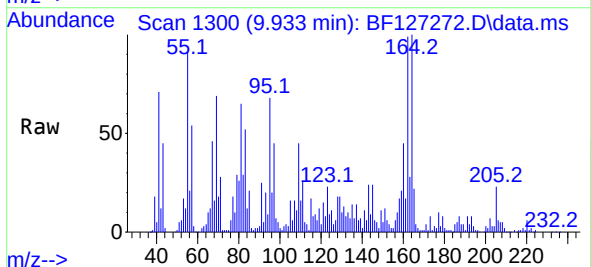
Instrument :
BNA_F
ClientSampleId :
RO-291

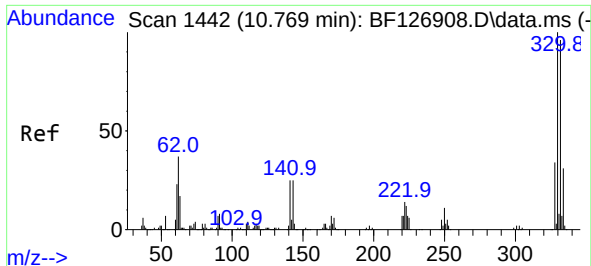
Tgt Ion: 82 Resp: 8116
Ion Ratio Lower Upper
82 100
128 32.1 32.7 49.1#
54 60.2 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. 0.012 min
Lab File: BF127272.D
Acq: 08 Mar 2022 21:53

Tgt Ion:164 Resp: 123417
Ion Ratio Lower Upper
164 100
162 98.8 81.4 122.0
160 44.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 2.849 ng

RT: 10.733 min Scan# 1442

Delta R.T. 0.018 min

Lab File: BF127272.D

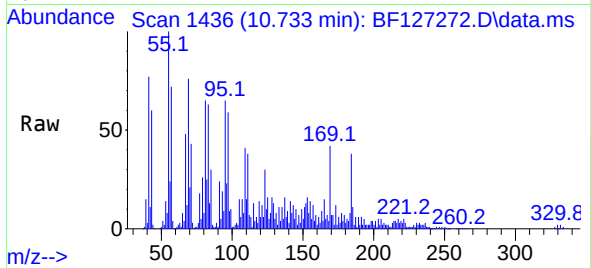
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Instrument :

BNA_F

ClientSampleId :

RO-291



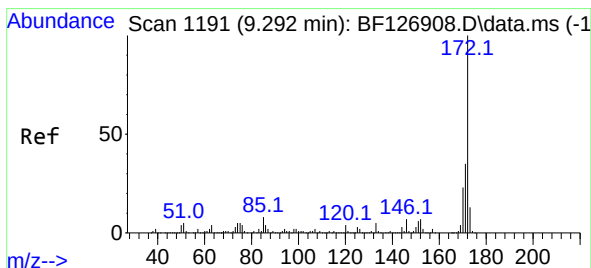
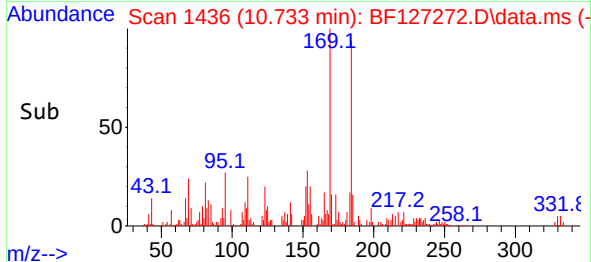
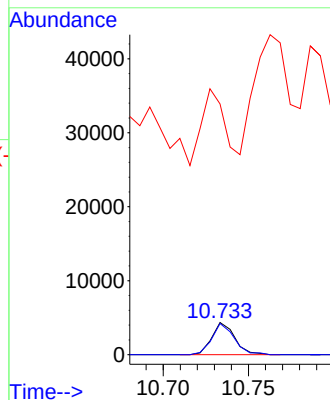
Tgt Ion:330 Resp: 4049

Ion Ratio Lower Upper

330 100

332 95.1 76.0 114.0

141 241.6 30.1 45.1#



#45

2-Fluorobiphenyl

Concen: 3.055 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF127272.D

Acq: 08 Mar 2022 21:53

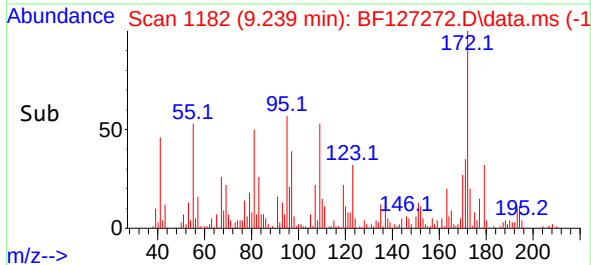
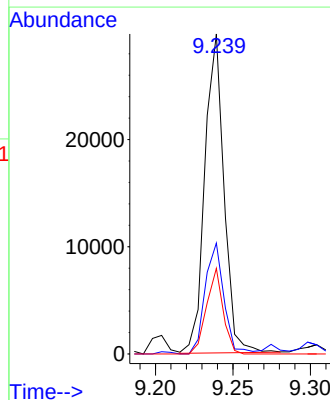
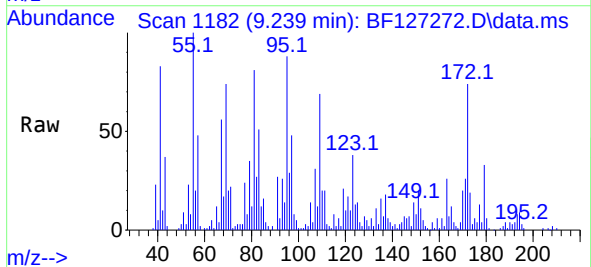
Tgt Ion:172 Resp: 25610

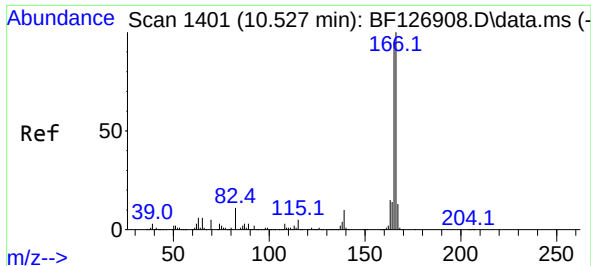
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 26.7 19.0 28.6

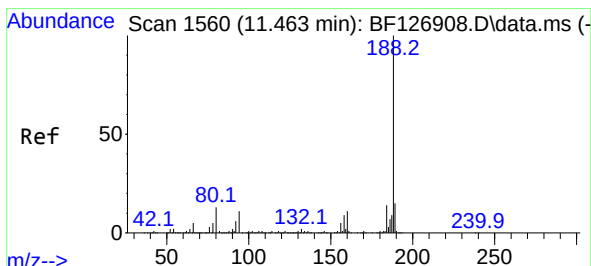
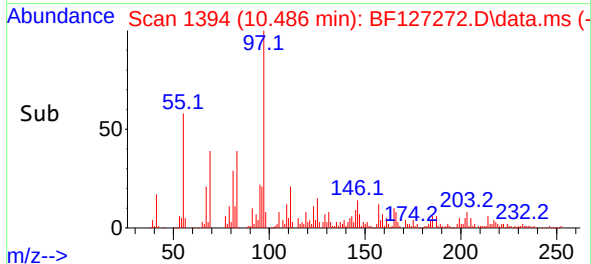
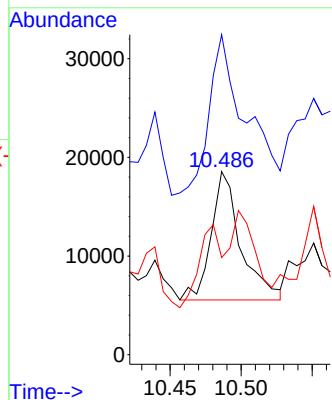
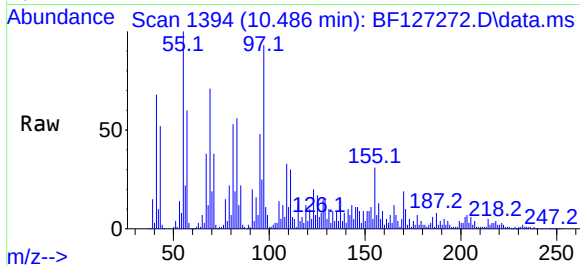




#58
Fluorene
Concen: 2.306 ng
RT: 10.486 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127272.D
Acq: 08 Mar 2022 21:53

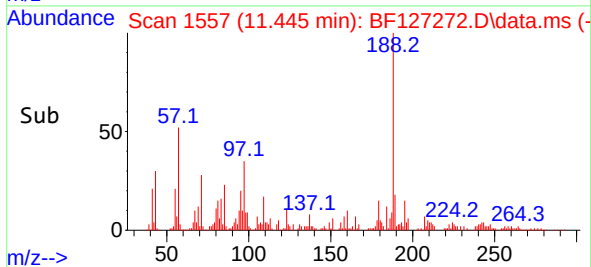
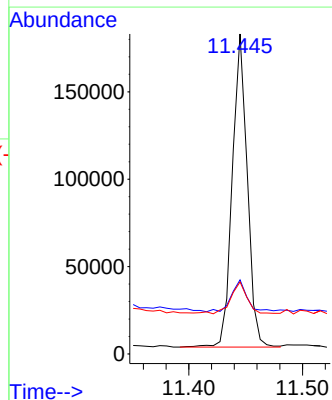
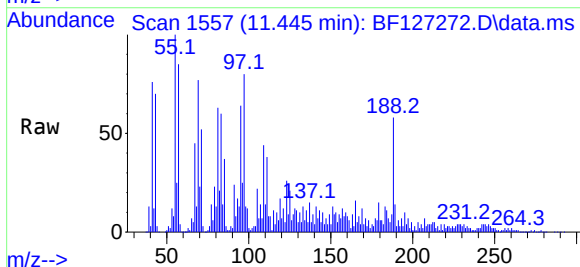
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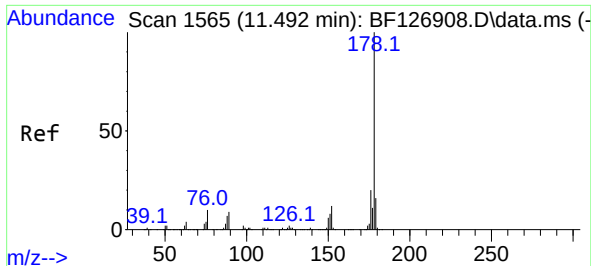
Tgt Ion:166 Resp: 18923
Ion Ratio Lower Upper
166 100
165 174.9 77.7 116.5#
167 53.1 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.029 min
Lab File: BF127272.D
Acq: 08 Mar 2022 21:53

Tgt Ion:188 Resp: 163720
Ion Ratio Lower Upper
188 100
94 23.1 10.1 15.1#
80 22.5 11.8 17.6#

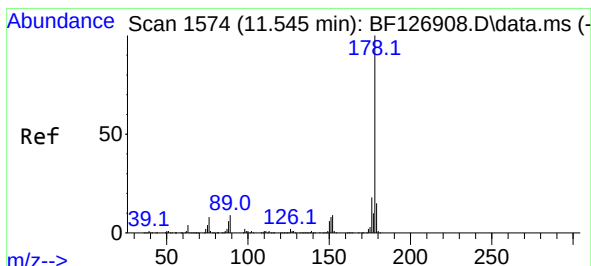
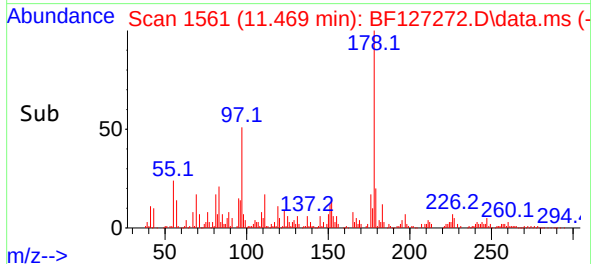
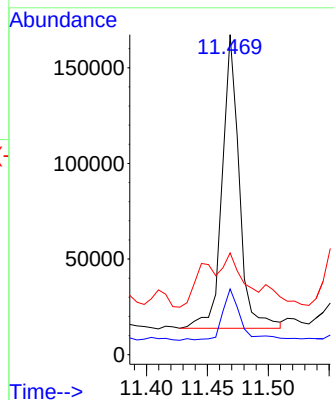
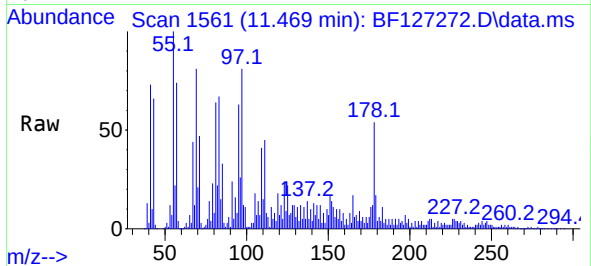




#71
Phenanthrene
Concen: 16.414 ng
RT: 11.469 min Scan# 1561
Delta R.T. 0.029 min
Lab File: BF127272.D
Acq: 08 Mar 2022 21:53

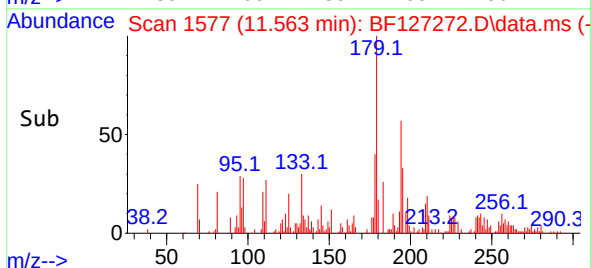
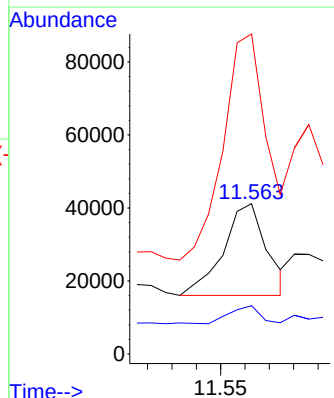
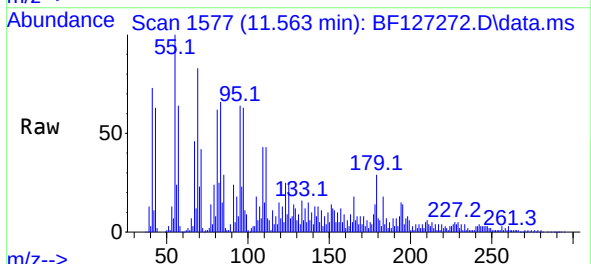
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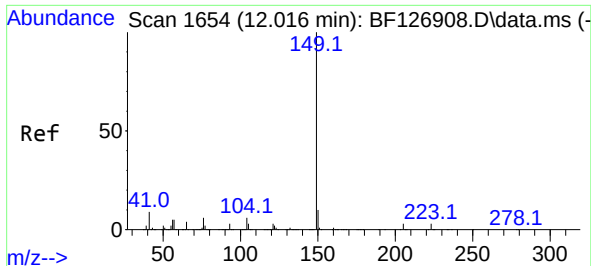
Tgt Ion:178 Resp: 150410
Ion Ratio Lower Upper
178 100
176 20.6 15.7 23.5
179 31.8 12.3 18.5#



#72
Anthracene
Concen: 3.403 ng
RT: 11.563 min Scan# 1577
Delta R.T. 0.070 min
Lab File: BF127272.D
Acq: 08 Mar 2022 21:53

Tgt Ion:178 Resp: 31046
Ion Ratio Lower Upper
178 100
176 32.1 15.0 22.6#
179 212.9 12.5 18.7#

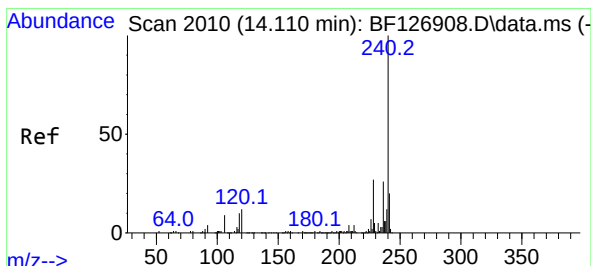
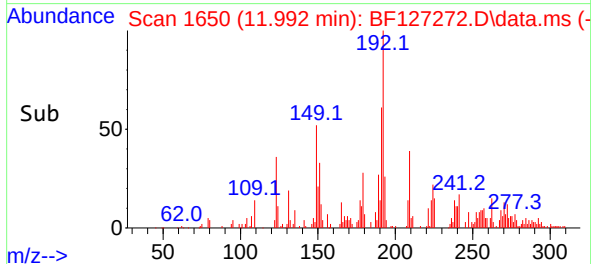
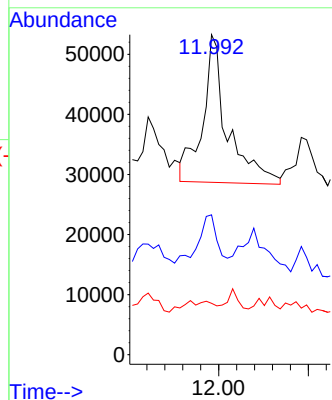
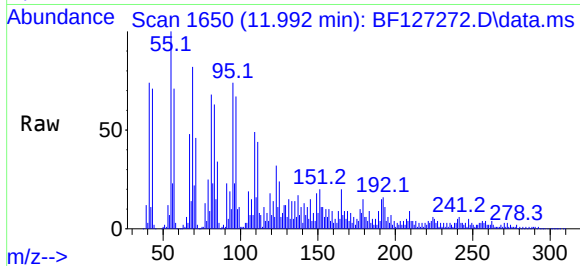




#74
Di-n-butylphthalate
Concen: 4.365 ng
RT: 11.992 min Scan# 10
Delta R.T. 0.023 min
Lab File: BF127272.D
Acq: 08 Mar 2022 21:53

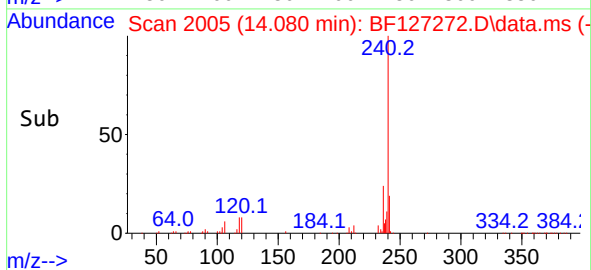
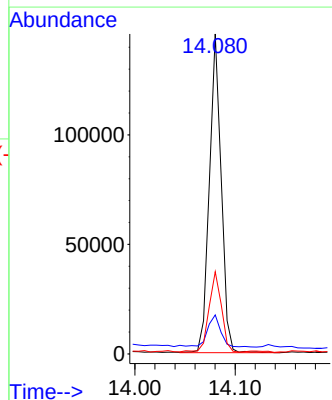
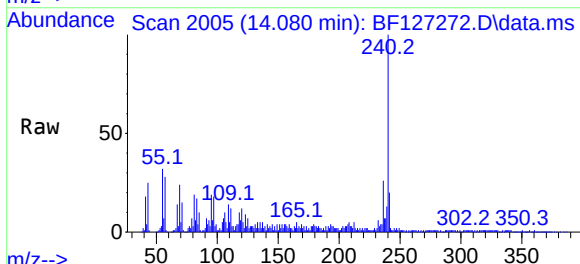
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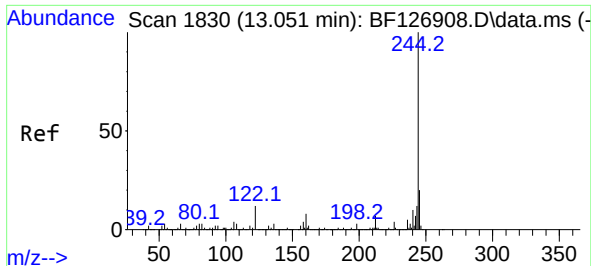
Tgt Ion:149 Resp: 46949
Ion Ratio Lower Upper
149 100
150 43.7 7.2 10.8#
104 16.1 4.2 6.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.018 min
Lab File: BF127272.D
Acq: 08 Mar 2022 21:53

Tgt Ion:240 Resp: 119148
Ion Ratio Lower Upper
240 100
120 12.2 14.4 21.6#
236 25.7 20.5 30.7

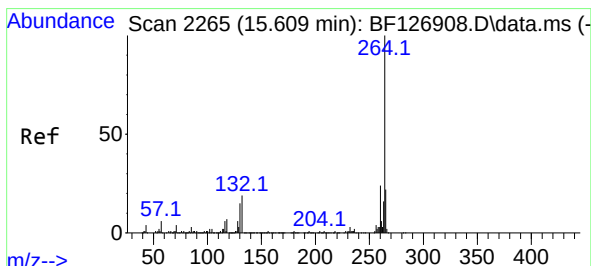
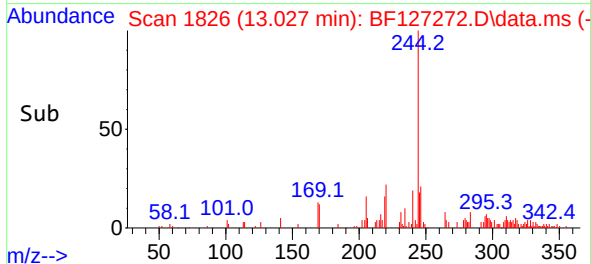
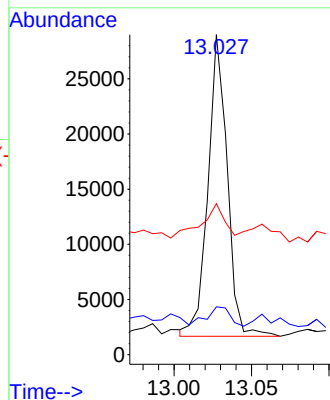
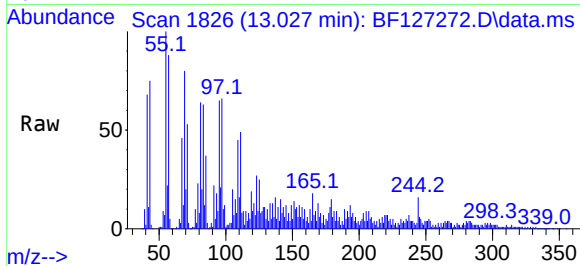




#79
 Terphenyl-d14
 Concen: 2.904 ng
 RT: 13.027 min Scan# 11
 Delta R.T. 0.029 min
 Lab File: BF127272.D
 Acq: 08 Mar 2022 21:53

Instrument :
 BNA_F
 ClientSampleId :
 RO-291

Tgt Ion:244 Resp: 23538
 Ion Ratio Lower Upper
 244 100
 212 14.9 5.0 7.4#
 122 47.2 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. 0.018 min
 Lab File: BF127272.D
 Acq: 08 Mar 2022 21:53

Tgt Ion:264 Resp: 103853
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.1 17.4 26.2

