

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127047.D
 Acq On : 23 Feb 2022 19:01
 Operator : CG\JU
 Sample : N1626-04RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-B2RE

Quant Time: Feb 24 02:17:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	71974	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	259644	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	106075	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	158773	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	107199	20.000	ng	0.02
86) Perylene-d12	15.645	264	78681	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	415919	89.315	ng	0.00
7) Phenol-d6	6.539	99	534456	85.055	ng	0.00
23) Nitrobenzene-d5	7.475	82	357660	62.177	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	106042	86.826	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	540676	75.037	ng	0.00
79) Terphenyl-d14	13.039	244	483614	66.319	ng	0.01
Target Compounds						Qvalue
75) Fluoranthene	12.668	202	20530	2.433	ng	# 60
78) Pyrene	12.898	202	19497	2.093	ng	# 73
83) Chrysene	14.139	228	13989	2.058	ng	# 55
84) Bis(2-ethylhexyl)phtha...	14.074	149	98018	16.933	ng	# 92

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

Quant Time: Feb 24 02:17:09 2022
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QLast Update : Thu Feb 24 02:10:57 2022
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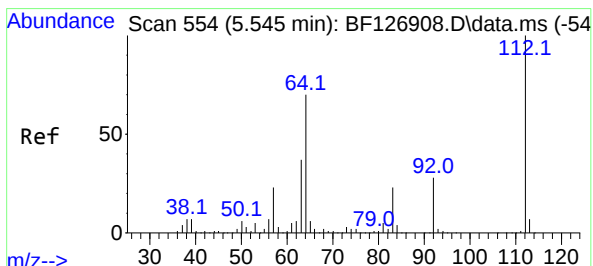
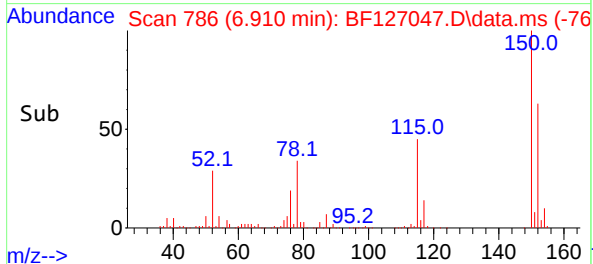
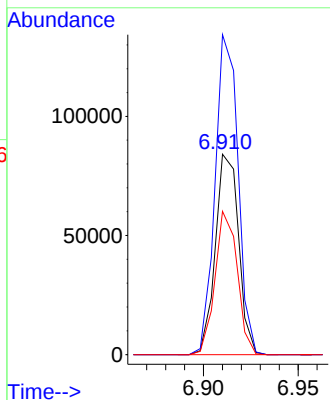
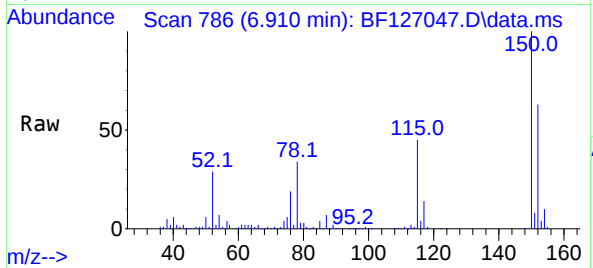




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

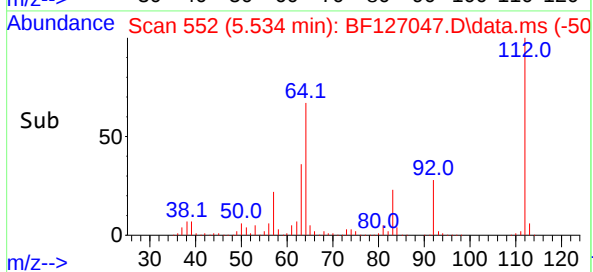
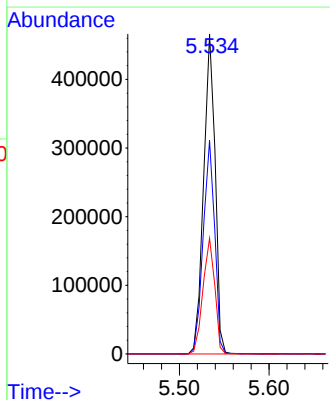
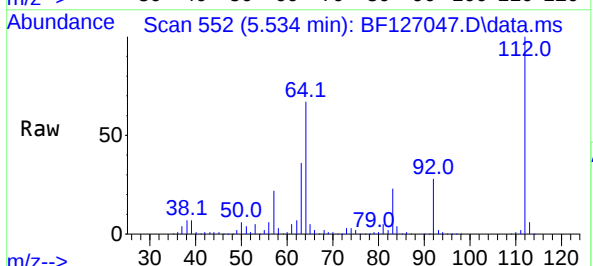
Instrument :
BNA_F
ClientSampleId :
CC-B2RE

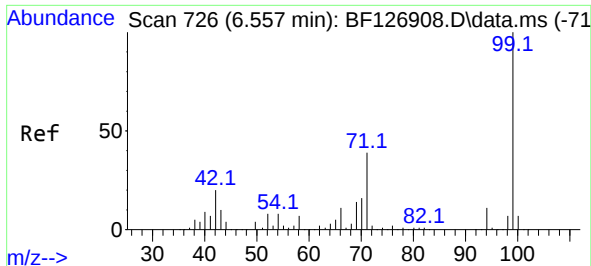
Tgt Ion:152 Resp: 71974
Ion Ratio Lower Upper
152 100
150 159.6 128.1 192.1
115 71.5 56.7 85.1



#5
2-Fluorophenol
Concen: 89.315 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.006 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

Tgt Ion:112 Resp: 415919
Ion Ratio Lower Upper
112 100
64 66.7 49.5 74.3
63 36.2 23.9 35.9#

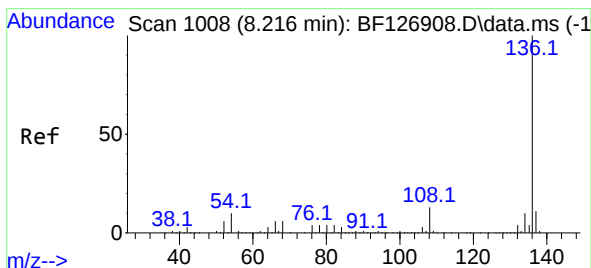
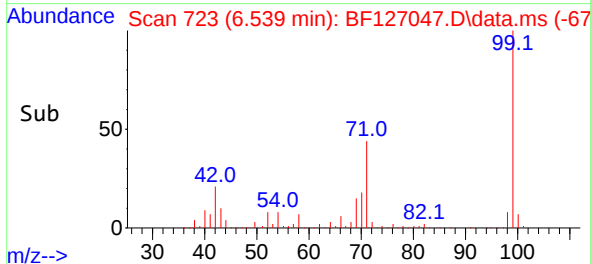
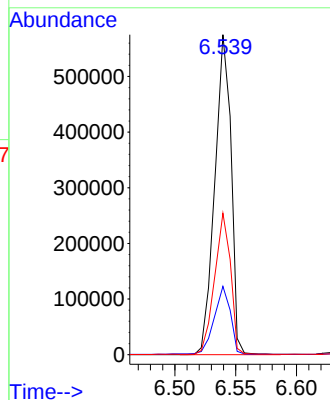
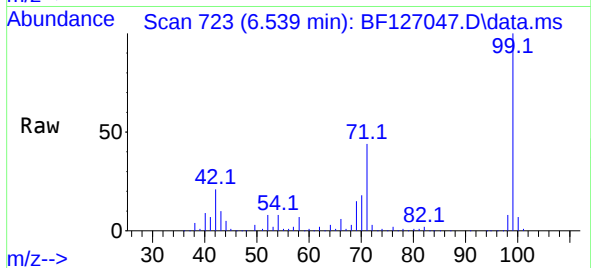




#7
Phenol-d6
Concen: 85.055 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

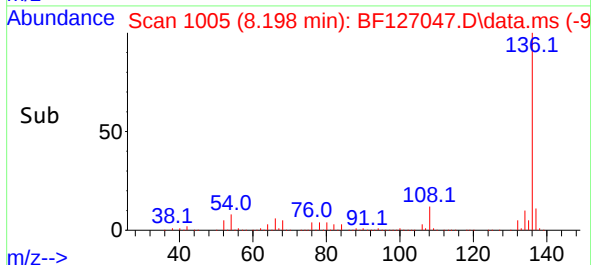
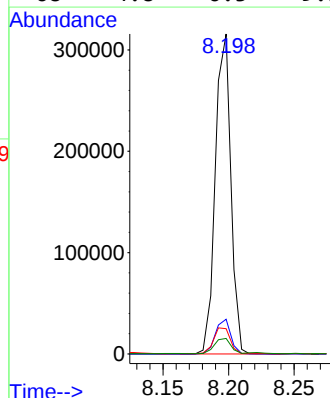
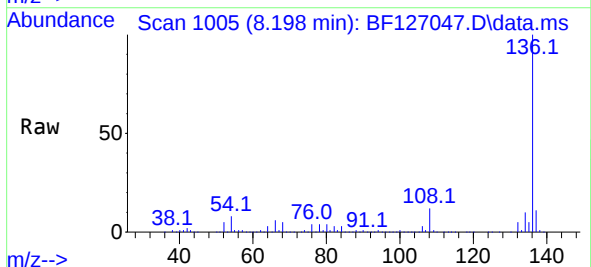
Instrument :
BNA_F
ClientSampleId :
CC-B2RE

Tgt Ion: 99 Resp: 534456
Ion Ratio Lower Upper
99 100
42 21.4 14.2 21.4#
71 44.2 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

Tgt Ion:136 Resp: 259644
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.9 7.8 11.6
68 4.8 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 62.177 ng

RT: 7.475 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF127047.D

Acq: 23 Feb 2022 19:01

Instrument :

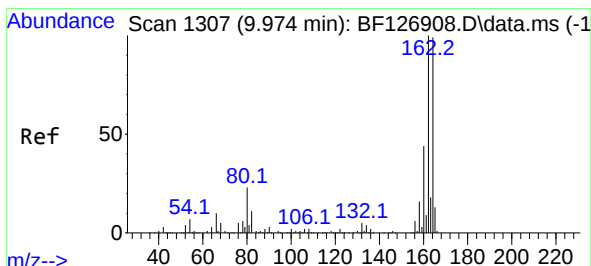
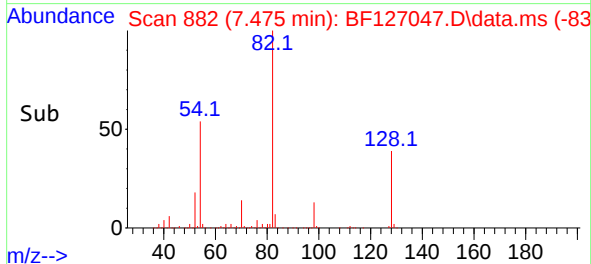
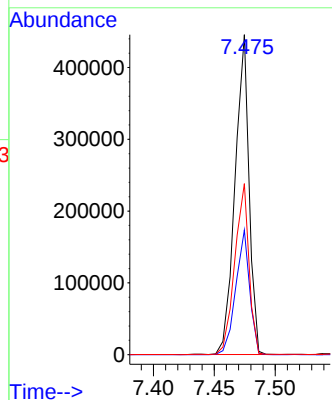
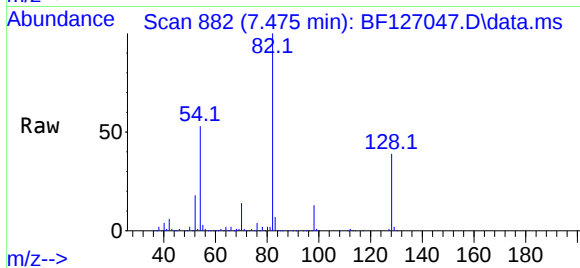
BNA_F

ClientSampleId :

CC-B2RE

Tgt Ion: 82 Resp: 357660

Ion	Ratio	Lower	Upper
82	100		
128	38.9	32.7	49.1
54	53.5	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1303

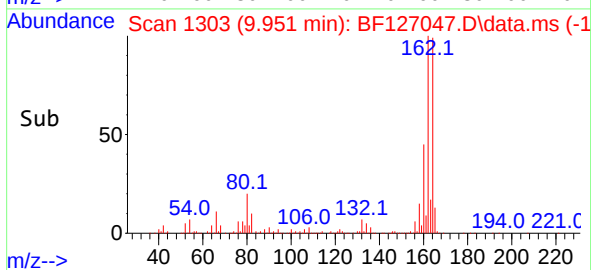
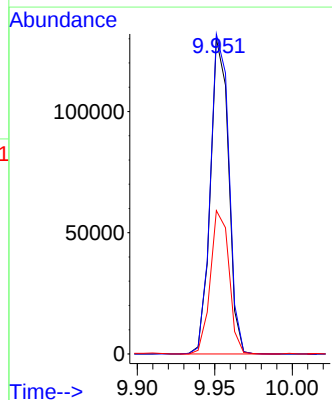
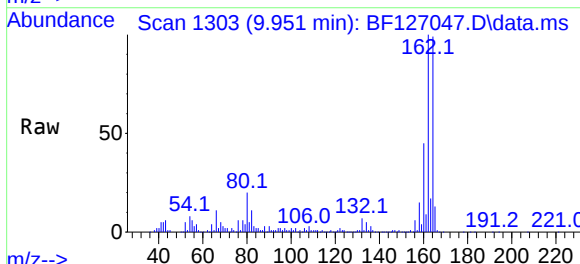
Delta R.T. -0.000 min

Lab File: BF127047.D

Acq: 23 Feb 2022 19:01

Tgt Ion: 164 Resp: 106075

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	45.4	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 86.826 ng

RT: 10.745 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127047.D

Acq: 23 Feb 2022 19:01

Instrument :

BNA_F

ClientSampleId :

CC-B2RE

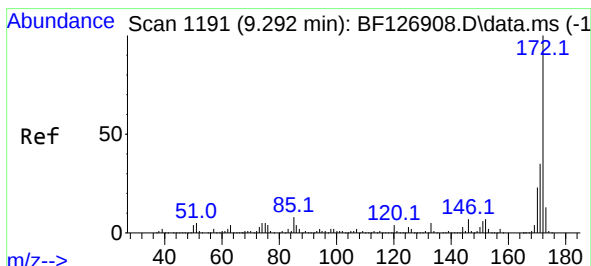
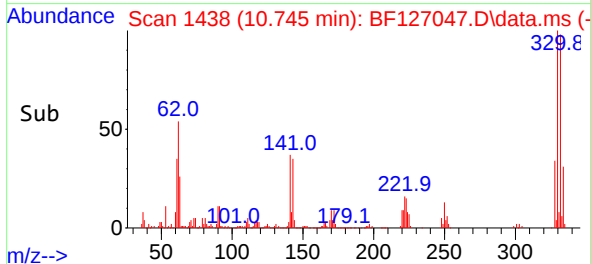
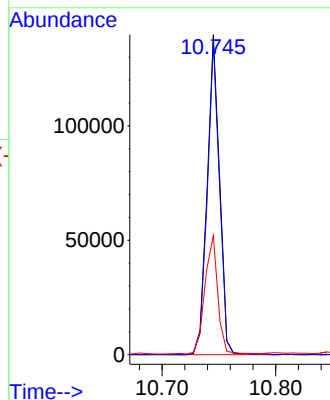
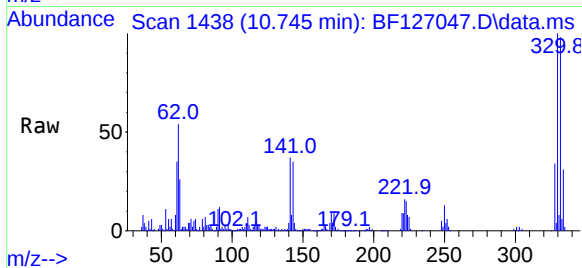
Tgt Ion:330 Resp: 106042

Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

141 38.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 75.037 ng

RT: 9.269 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF127047.D

Acq: 23 Feb 2022 19:01

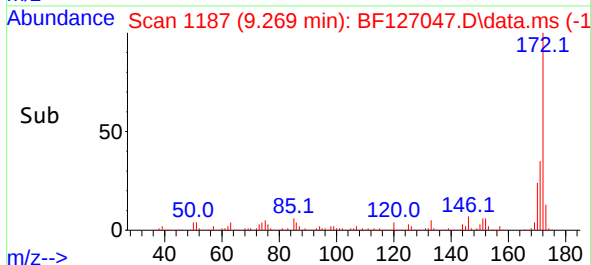
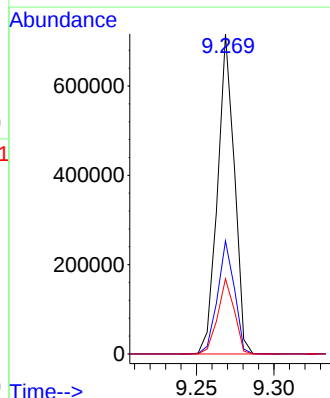
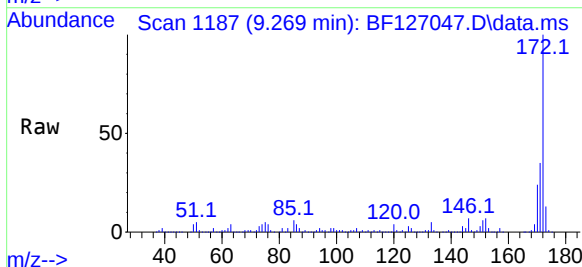
Tgt Ion:172 Resp: 540676

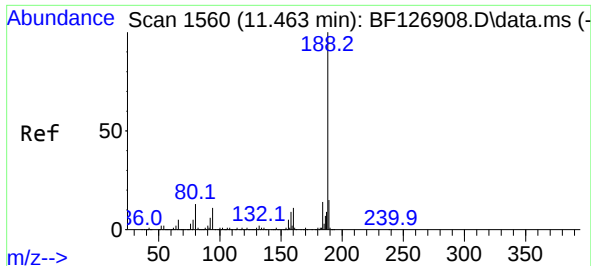
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.6

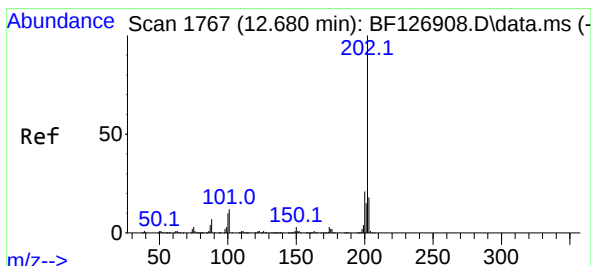
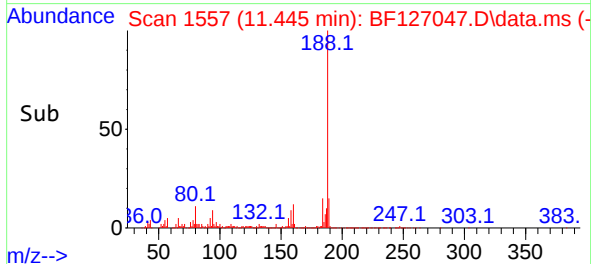
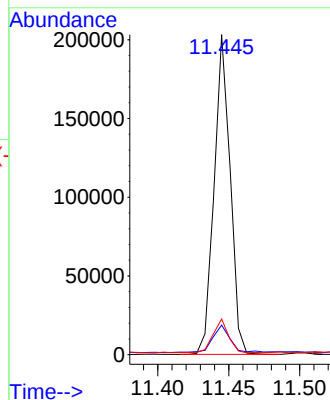
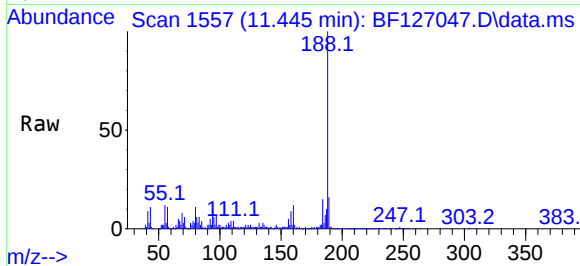




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

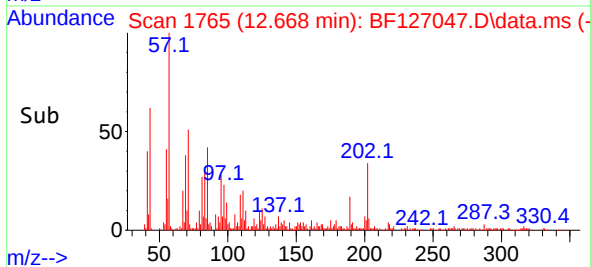
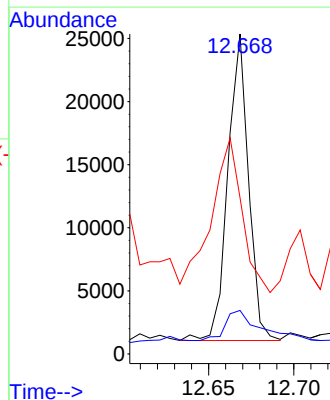
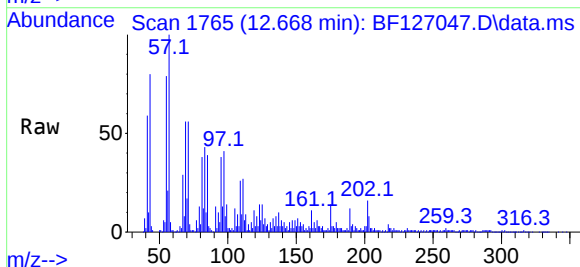
Instrument :
BNA_F
ClientSampleId :
CC-B2RE

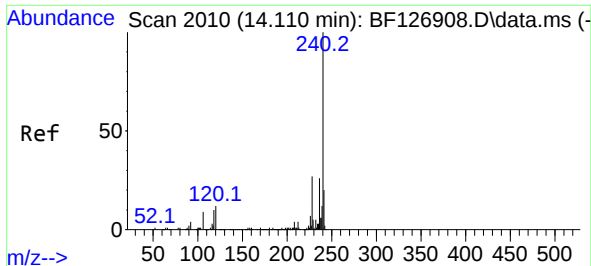
Tgt Ion:188 Resp: 158773
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 11.2 11.8 17.6#



#75
Fluoranthene
Concen: 2.433 ng
RT: 12.668 min Scan# 1765
Delta R.T. 0.012 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

Tgt Ion:202 Resp: 20530
Ion Ratio Lower Upper
202 100
101 13.6 0.0 35.7
203 48.8 0.0 37.1#

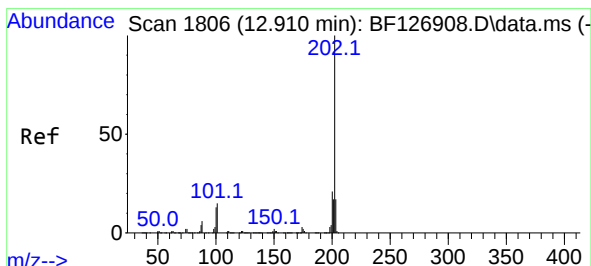
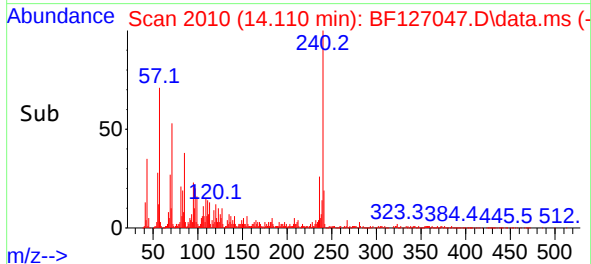
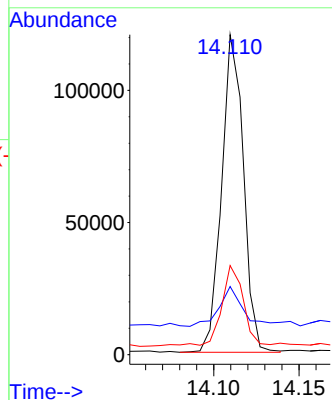
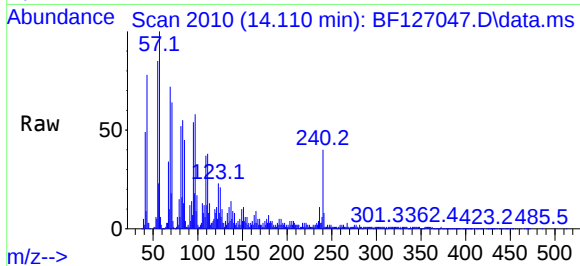




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. 0.024 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

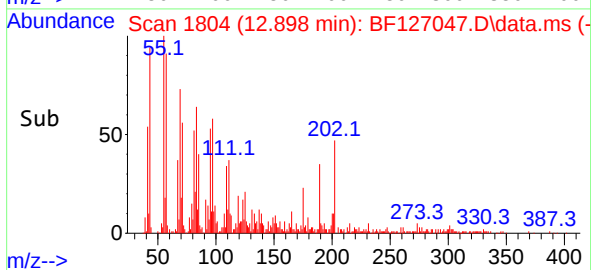
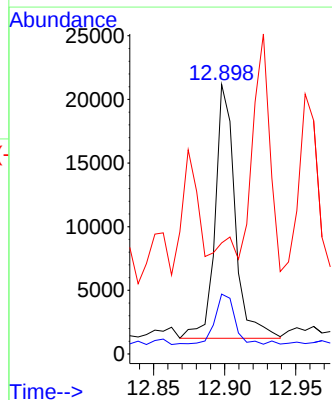
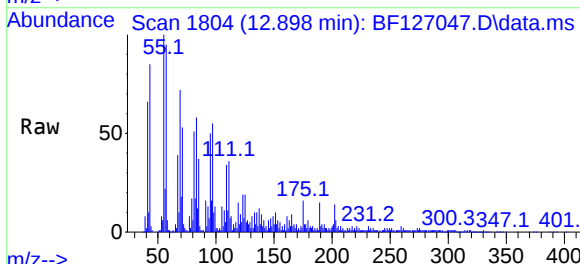
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BNA_F
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CC-B2RE

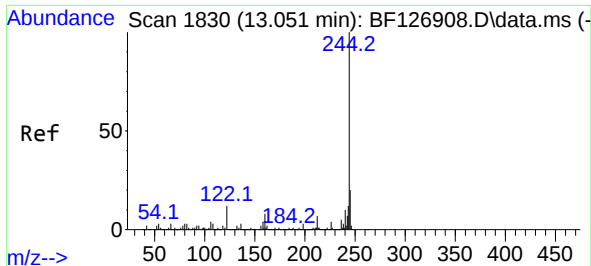
Tgt Ion:240 Resp: 107199
Ion Ratio Lower Upper
240 100
120 21.3 14.4 21.6
236 27.8 20.5 30.7



#78
Pyrene
Concen: 2.093 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

Tgt Ion:202 Resp: 19497
Ion Ratio Lower Upper
202 100
200 22.2 16.6 24.8
203 41.2 13.8 20.8#

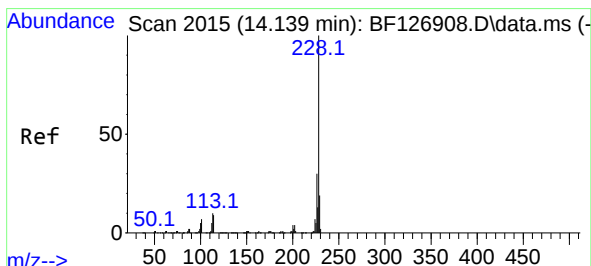
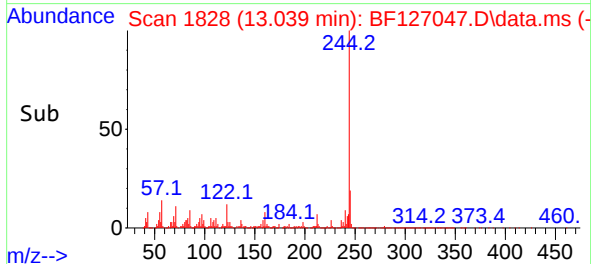
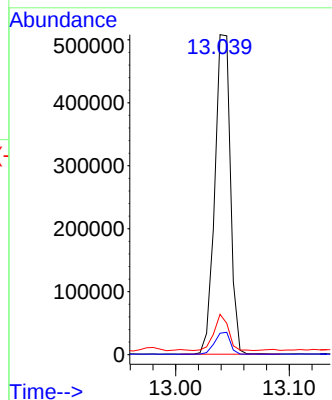
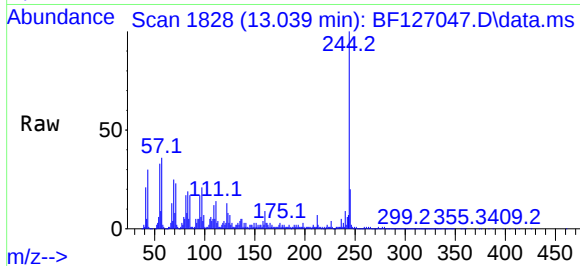




#79
 Terphenyl-d14
 Concen: 66.319 ng
 RT: 13.039 min Scan# 1830
 Delta R.T. 0.012 min
 Lab File: BF127047.D
 Acq: 23 Feb 2022 19:01

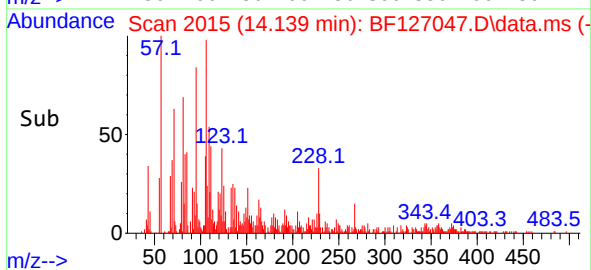
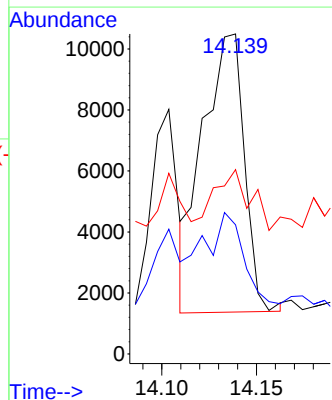
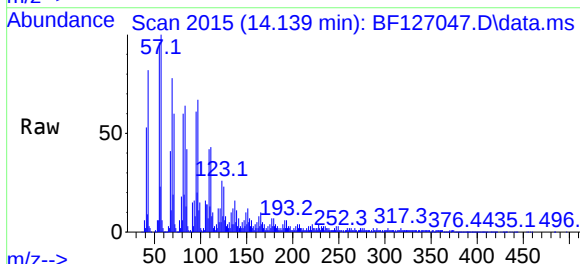
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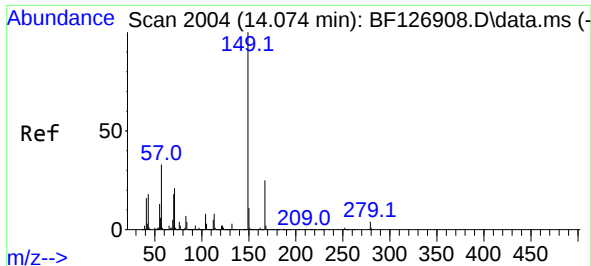
Tgt Ion:244 Resp: 483614
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 12.6 13.3 19.9#



#83
 Chrysene
 Concen: 2.058 ng
 RT: 14.139 min Scan# 2015
 Delta R.T. 0.024 min
 Lab File: BF127047.D
 Acq: 23 Feb 2022 19:01

Tgt Ion:228 Resp: 13989
 Ion Ratio Lower Upper
 228 100
 226 40.4 23.7 35.5#
 229 57.6 15.5 23.3#

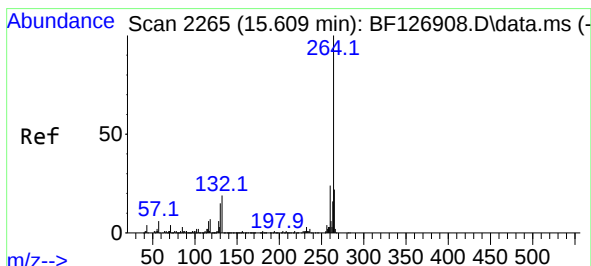
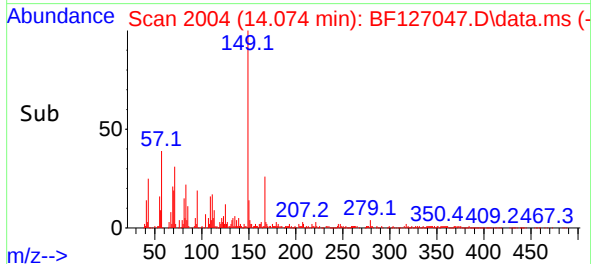
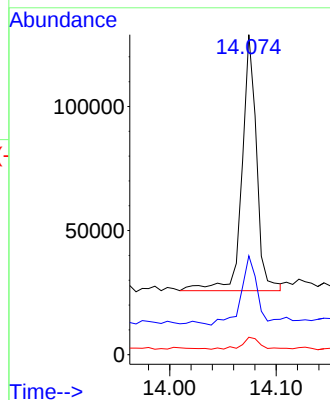
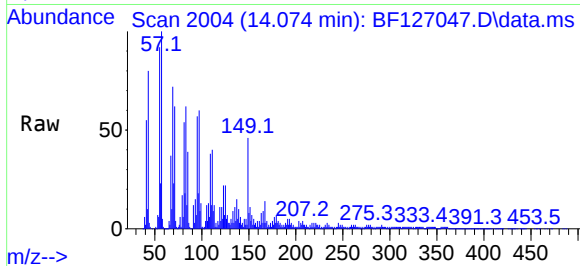




#84
Bis(2-ethylhexyl)phthalate
Concen: 16.933 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.023 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

Instrument :
BNA_F
ClientSampleId :
CC-B2RE

Tgt Ion:149 Resp: 98018
Ion Ratio Lower Upper
149 100
167 30.9 21.4 32.2
279 5.4 2.4 3.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2271
Delta R.T. 0.059 min
Lab File: BF127047.D
Acq: 23 Feb 2022 19:01

Tgt Ion:264 Resp: 78681
Ion Ratio Lower Upper
264 100
260 26.6 19.2 28.8
265 24.5 17.4 26.2

