

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127534.D
 Acq On : 25 Mar 2022 19:15
 Operator : CG\JU
 Sample : N2084-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-3

Quant Time: Mar 26 02:21:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

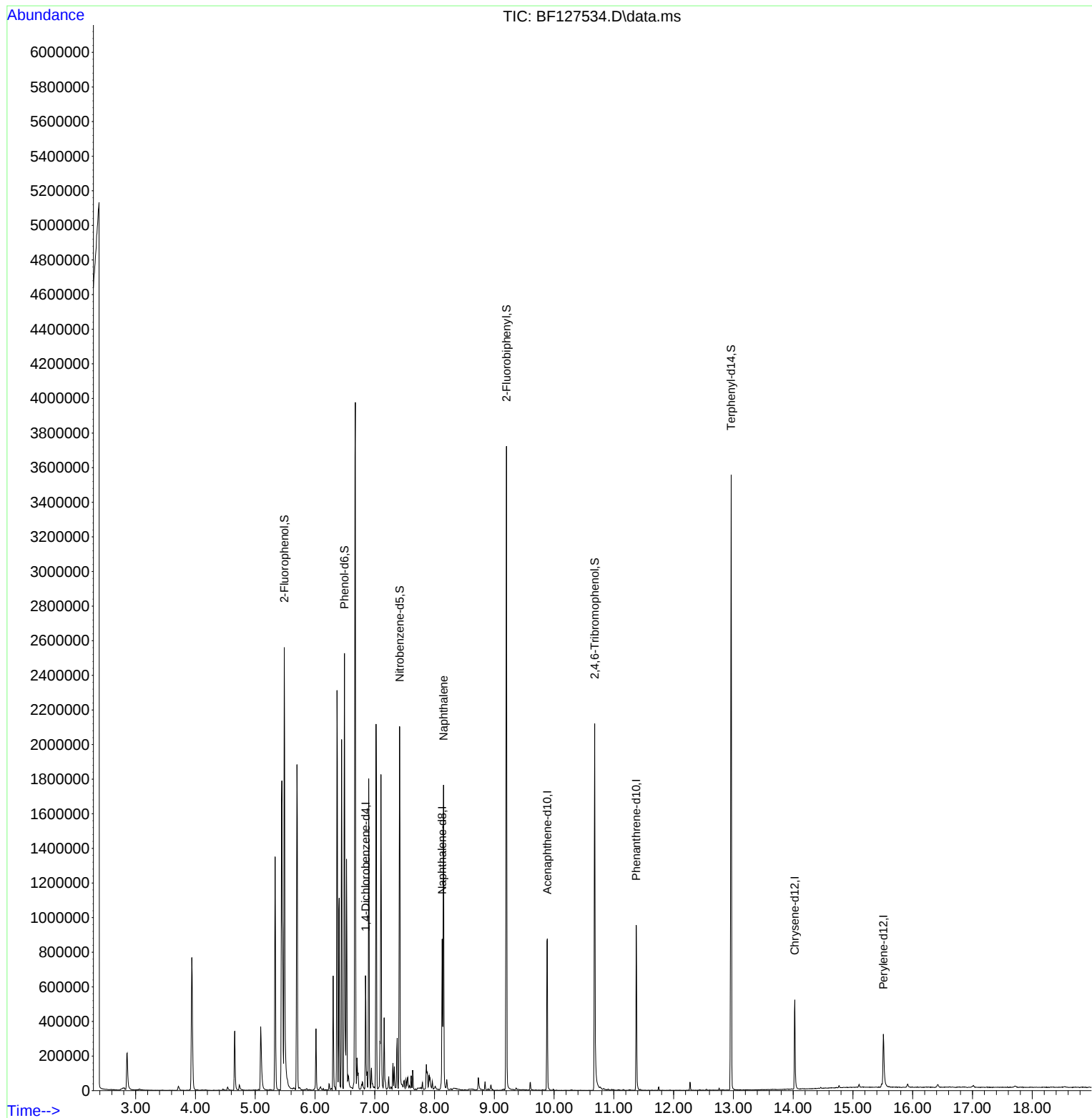
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	87636	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	315191	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	188594	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	335657	20.000	ng	0.00
76) Chrysene-d12	14.027	240	202420	20.000	ng	0.00
86) Perylene-d12	15.509	264	168421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	679626	123.788	ng	0.02
7) Phenol-d6	6.492	99	837157	111.551	ng	0.00
23) Nitrobenzene-d5	7.416	82	664694	90.145	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	253674	126.268	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1122920	86.945	ng	0.00
79) Terphenyl-d14	12.963	244	1241618	100.413	ng	0.00
Target Compounds						
31) Naphthalene	8.151	128	677285	40.474	ng	Qvalue 99

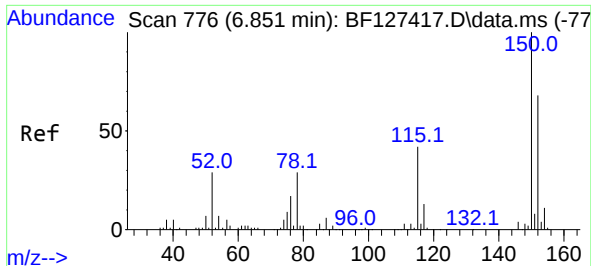
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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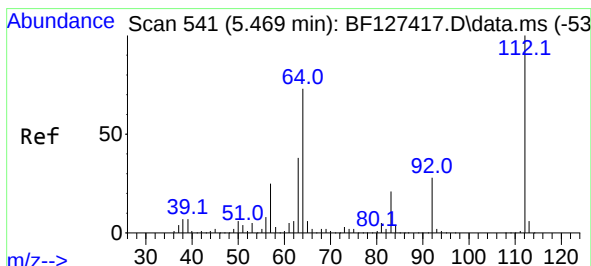
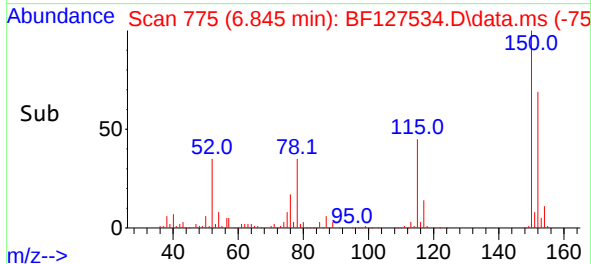
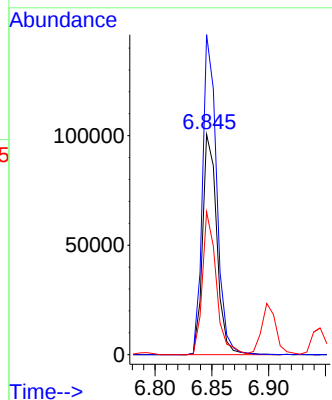
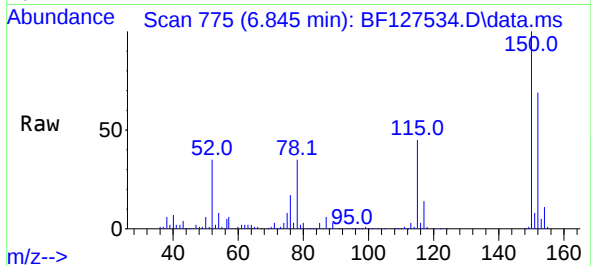




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127534.D
Acq: 25 Mar 2022 19:15

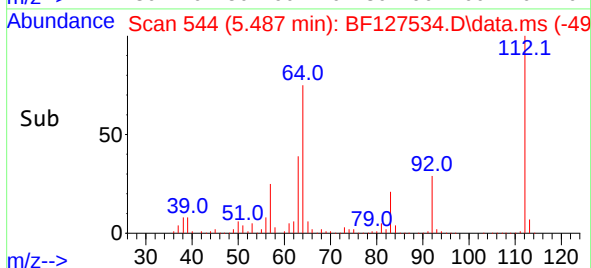
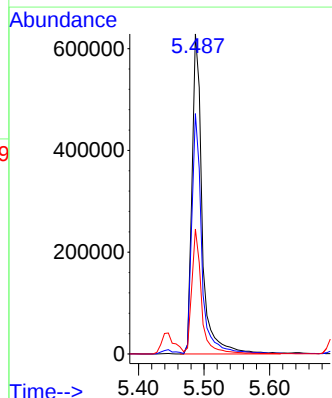
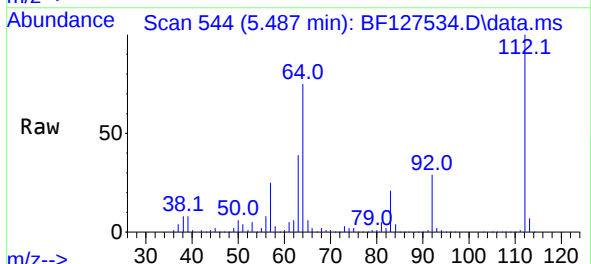
Instrument :
BNA_F
ClientSampleId :
BLDG-3

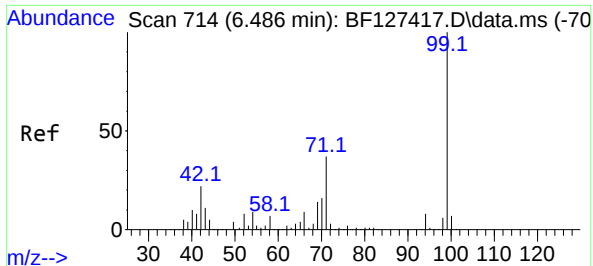
Tgt Ion:152 Resp: 87636
Ion Ratio Lower Upper
152 100
150 145.2 117.2 175.8
115 64.9 49.8 74.6



#5
2-Fluorophenol
Concen: 123.788 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127534.D
Acq: 25 Mar 2022 19:15

Tgt Ion:112 Resp: 679626
Ion Ratio Lower Upper
112 100
64 75.1 58.4 87.6
63 39.1 30.1 45.1

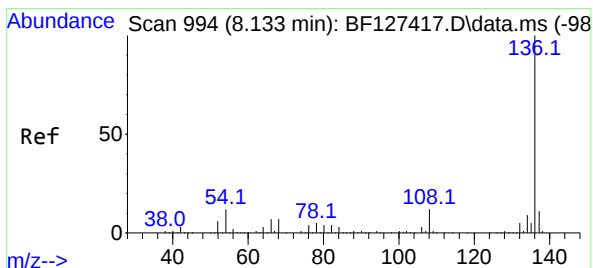
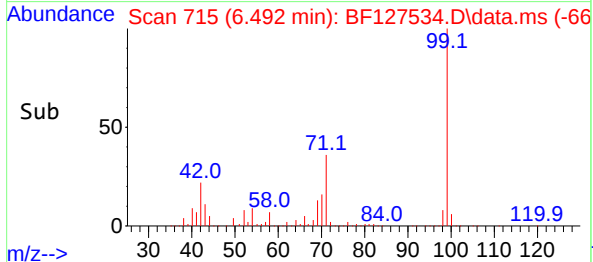
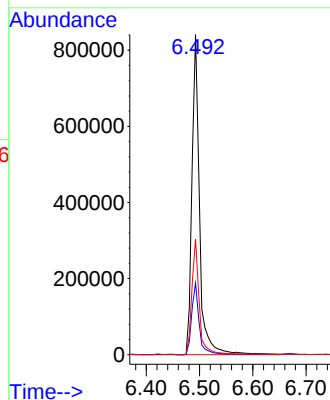
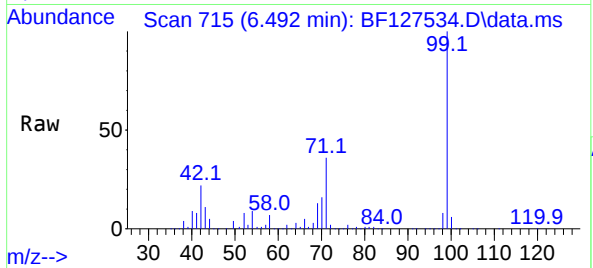




#7
Phenol-d6
Concen: 111.551 ng
RT: 6.492 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127534.D
Acq: 25 Mar 2022 19:15

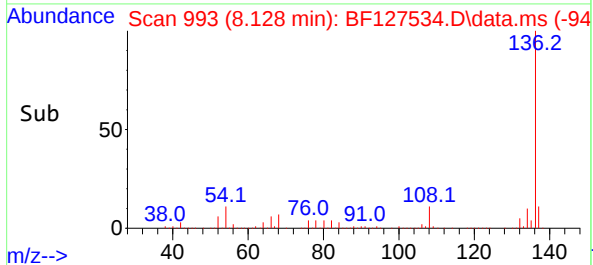
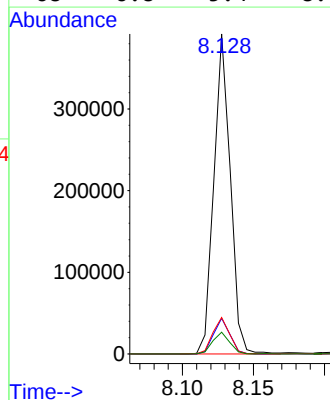
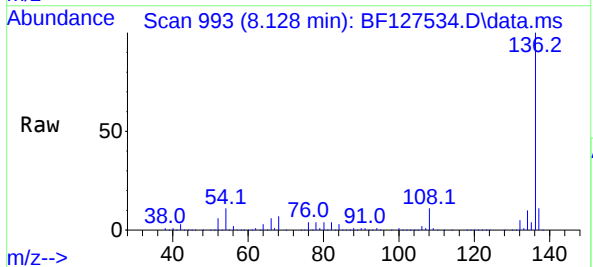
Instrument :
BNA_F
ClientSampleId :
BLDG-3

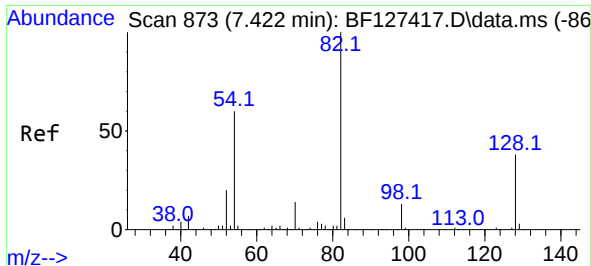
Tgt Ion: 99 Resp: 837157
Ion Ratio Lower Upper
99 100
42 22.4 17.8 26.6
71 36.2 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127534.D
Acq: 25 Mar 2022 19:15

Tgt Ion:136 Resp: 315191
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 11.4 9.2 13.8
68 6.8 5.4 8.0

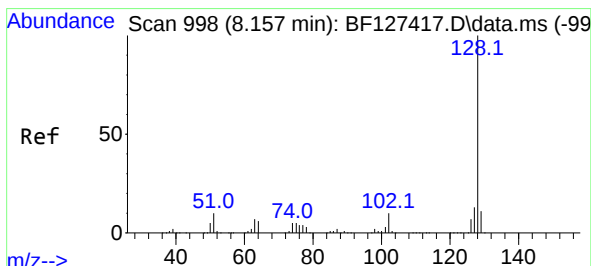
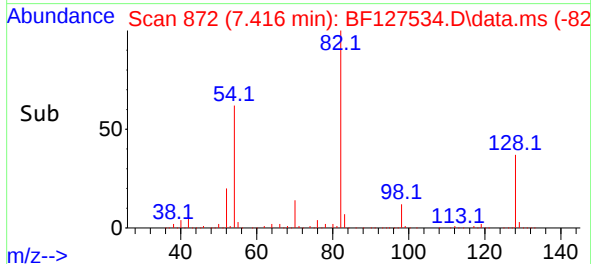
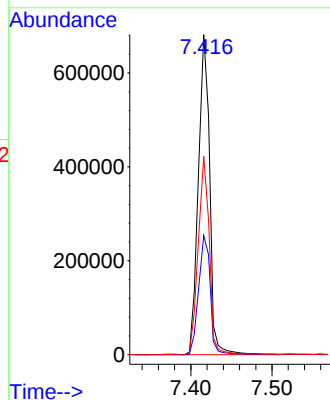
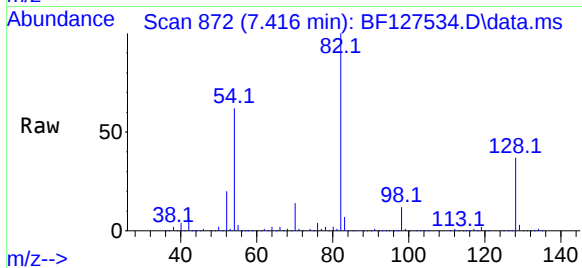




#23
Nitrobenzene-d5
Concen: 90.145 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127534.D
Acq: 25 Mar 2022 19:15

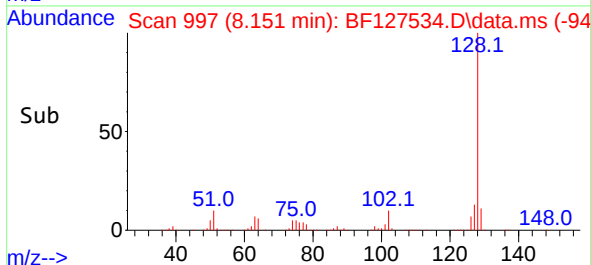
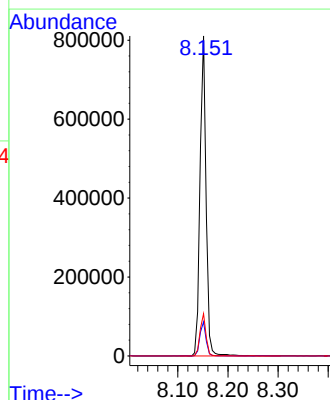
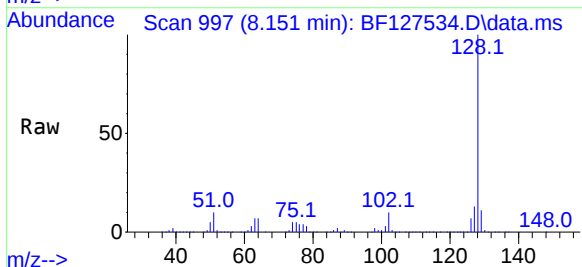
Instrument :
BNA_F
ClientSampleId :
BLDG-3

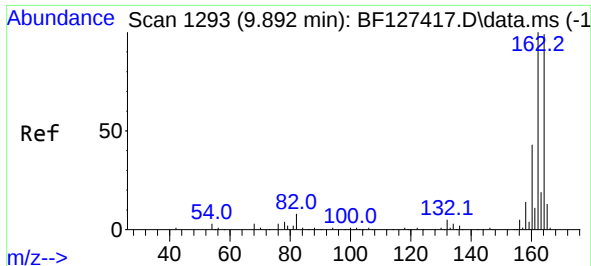
Tgt Ion: 82 Resp: 664694
Ion Ratio Lower Upper
82 100
128 37.2 30.6 45.8
54 62.0 48.2 72.2



#31
Naphthalene
Concen: 40.474 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127534.D
Acq: 25 Mar 2022 19:15

Tgt Ion: 128 Resp: 677285
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.2 10.2 15.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127534.D

Acq: 25 Mar 2022 19:15

Instrument :

BNA_F

ClientSampleId :

BLDG-3

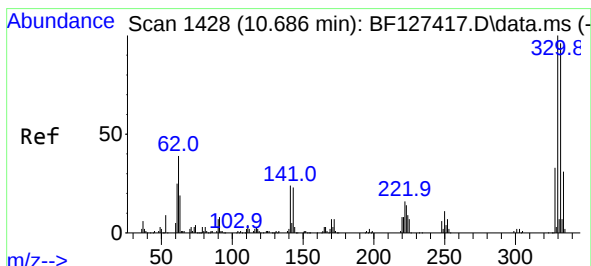
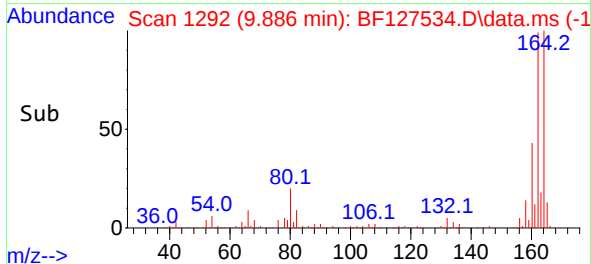
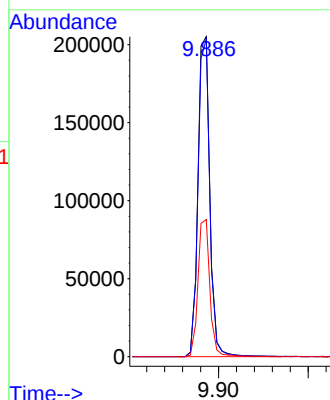
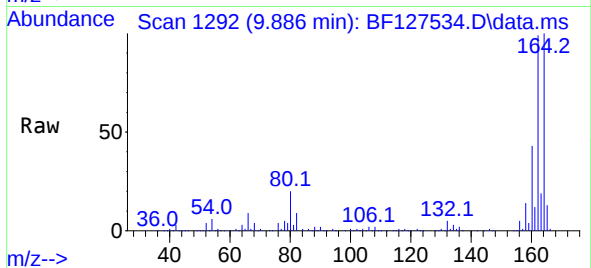
Tgt Ion:164 Resp: 188594

Ion Ratio Lower Upper

164 100

162 99.2 81.2 121.8

160 42.9 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 126.268 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127534.D

Acq: 25 Mar 2022 19:15

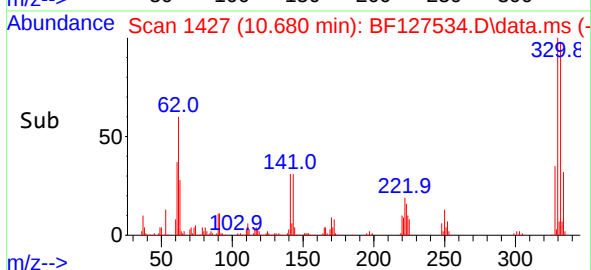
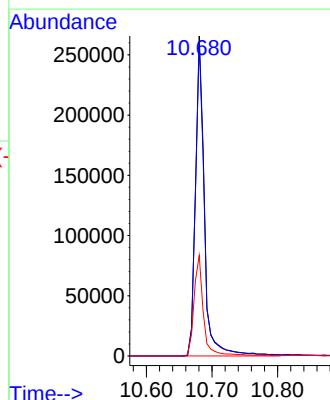
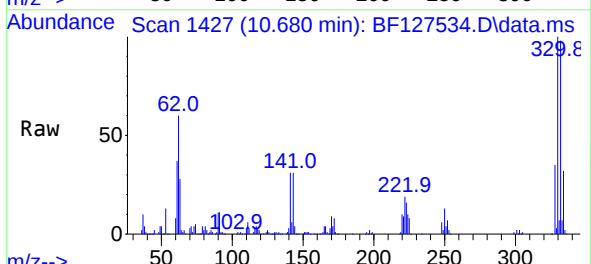
Tgt Ion:330 Resp: 253674

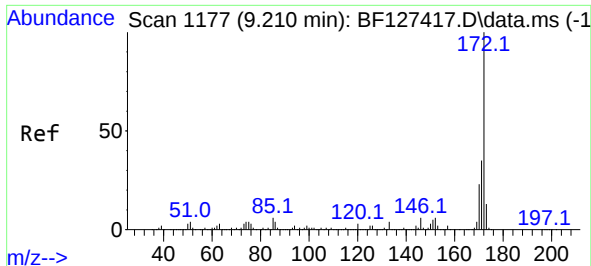
Ion Ratio Lower Upper

330 100

332 97.9 79.1 118.7

141 33.3 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 86.945 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127534.D

Acq: 25 Mar 2022 19:15

Instrument :

BNA_F

ClientSampleId :

BLDG-3

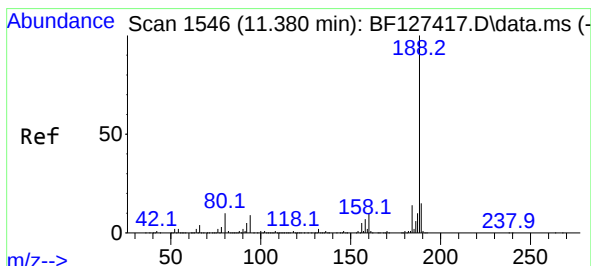
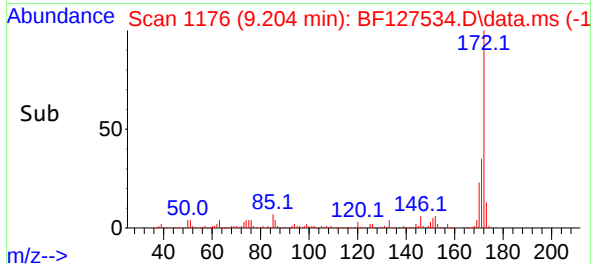
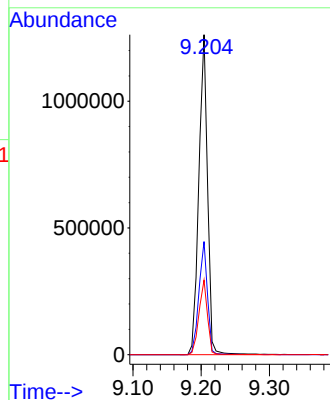
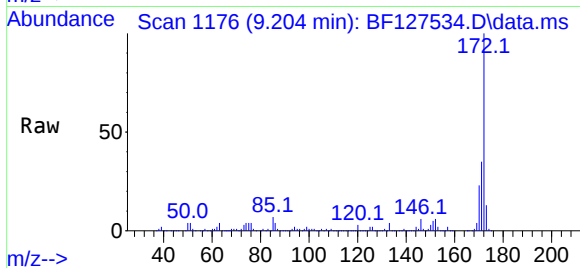
Tgt Ion:172 Resp: 1122920

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.3 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BF127534.D

Acq: 25 Mar 2022 19:15

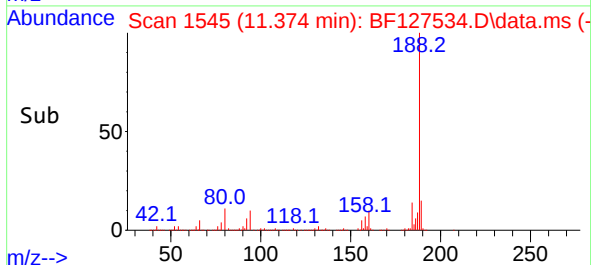
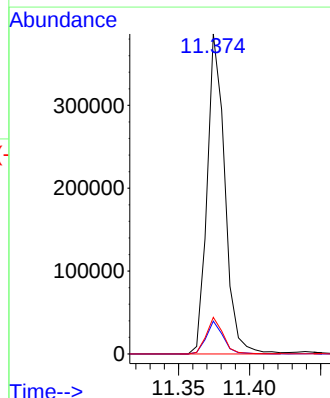
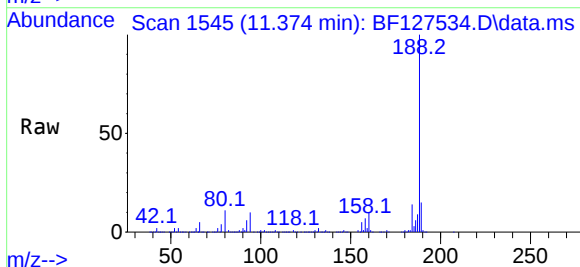
Tgt Ion:188 Resp: 335657

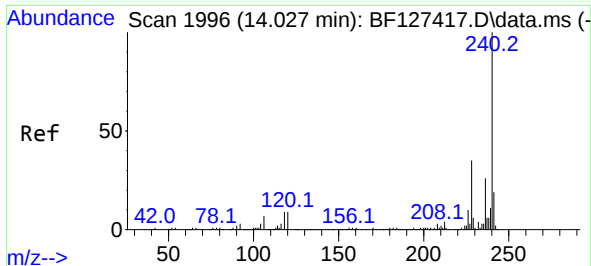
Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.0

80 11.4 8.0 12.0

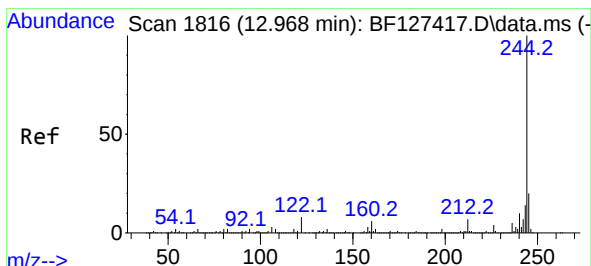
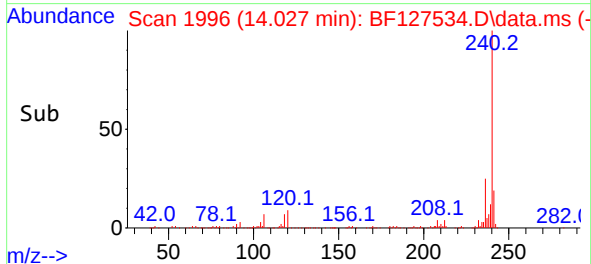
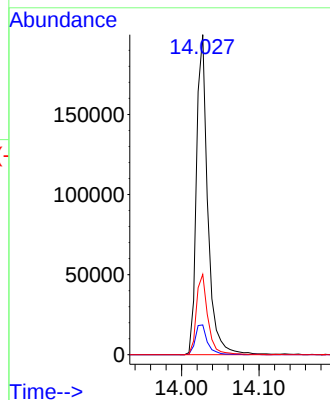
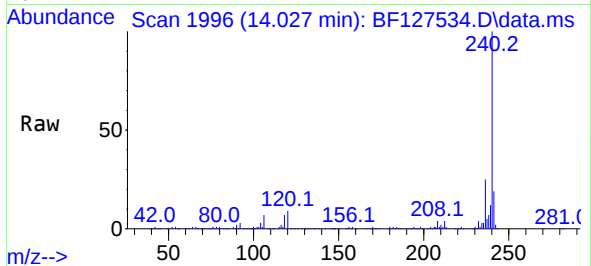




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127534.D
Acq: 25 Mar 2022 19:15

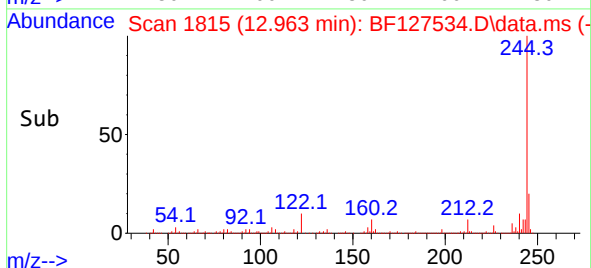
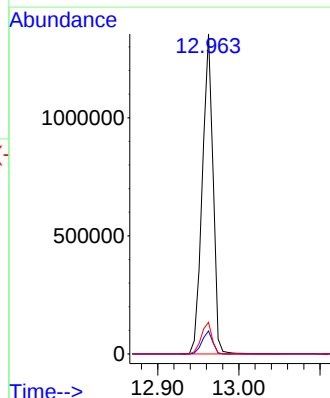
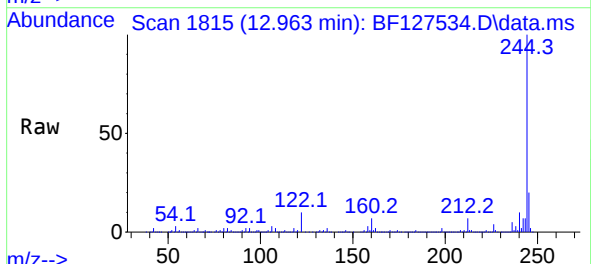
Instrument :
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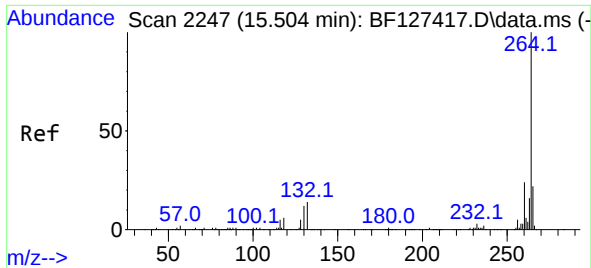
Tgt Ion:240 Resp: 202420
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 25.1 20.7 31.1



#79
Terphenyl-d14
Concen: 100.413 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127534.D
Acq: 25 Mar 2022 19:15

Tgt Ion:244 Resp: 1241618
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.9 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127534.D
Acq: 25 Mar 2022 19:15

Instrument :
BNA_F
ClientSampleId :
BLDG-3

Tgt Ion:264 Resp: 168421
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 20.9 17.4 26.2

