

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127519.D
 Acq On : 25 Mar 2022 10:21
 Operator : CG\JU
 Sample : PB143592BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143592BL

Quant Time: Mar 25 17:23:12 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	104493	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	390566	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	227691	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	415349	20.000	ng	0.00
76) Chrysene-d12	14.027	240	276751	20.000	ng	0.00
86) Perylene-d12	15.509	264	198262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	809954	123.727	ng	0.02
7) Phenol-d6	6.492	99	1125157	125.740	ng	0.00
23) Nitrobenzene-d5	7.416	82	788905	86.342	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	301789	124.424	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1318967	84.588	ng	0.00
79) Terphenyl-d14	12.968	244	1504394	88.987	ng	0.00

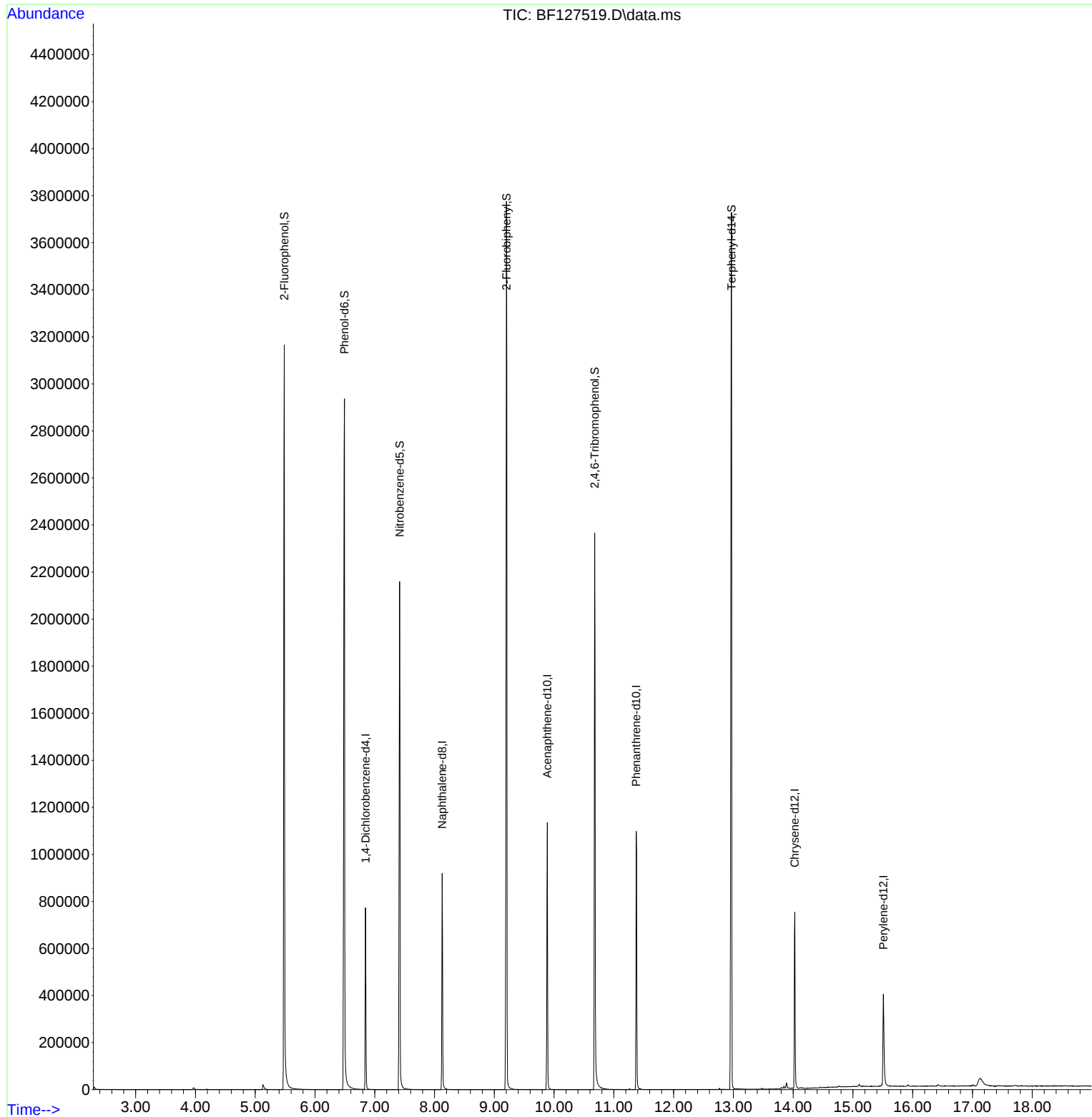
Target Compounds	Qvalue

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

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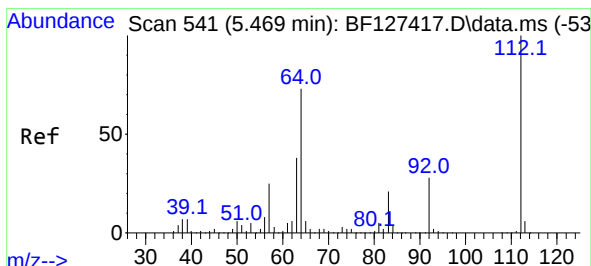
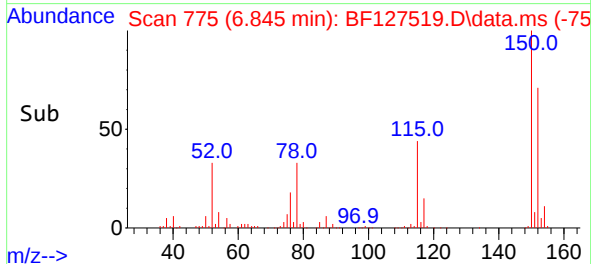
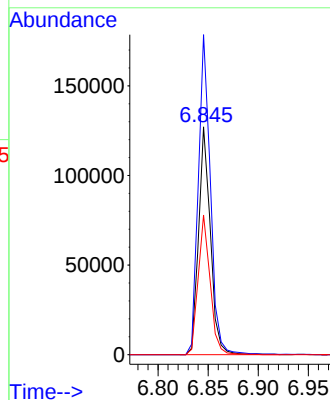
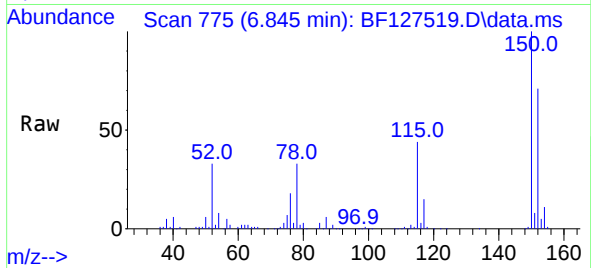




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

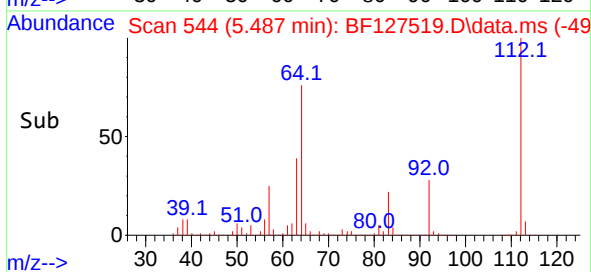
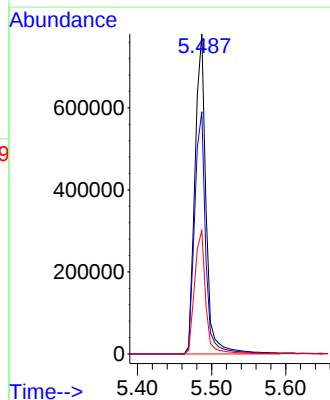
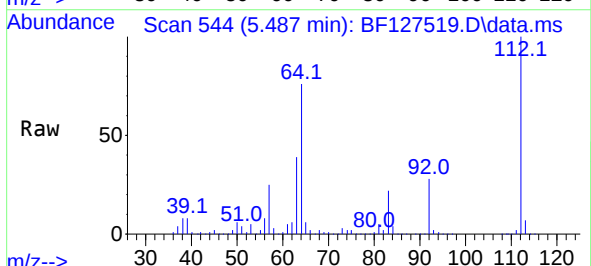
Instrument :
BNA_F
ClientSampleId :
PB143592BL

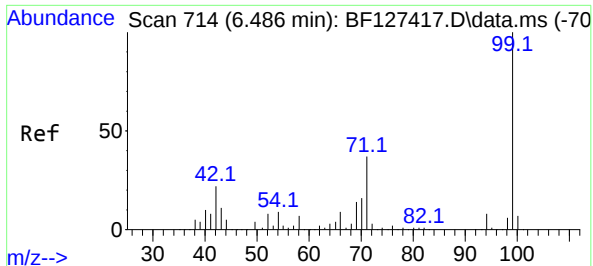
Tgt Ion:152 Resp: 104493
Ion Ratio Lower Upper
152 100
150 140.5 117.2 175.8
115 61.3 49.8 74.6



#5
2-Fluorophenol
Concen: 123.727 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

Tgt Ion:112 Resp: 809954
Ion Ratio Lower Upper
112 100
64 75.7 58.4 87.6
63 38.5 30.1 45.1

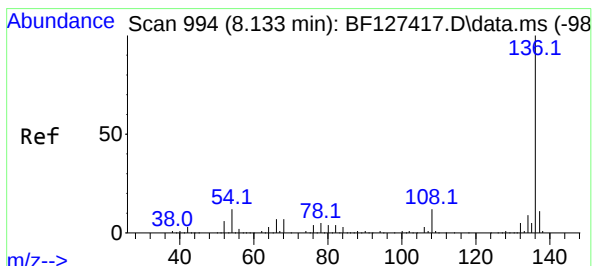
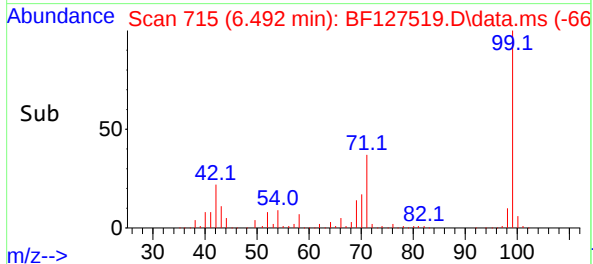
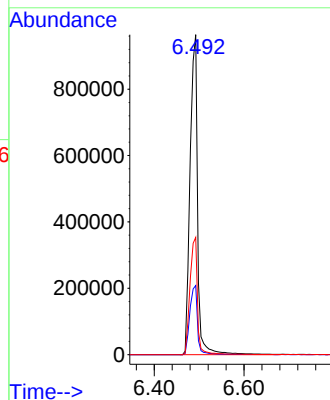
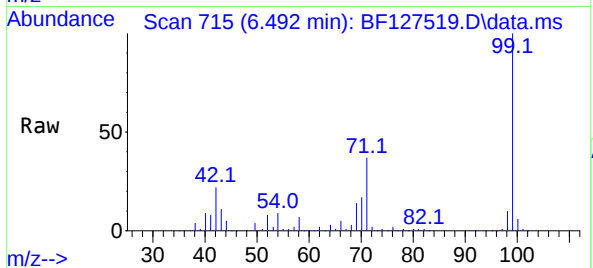




#7
Phenol-d6
Concen: 125.740 ng
RT: 6.492 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

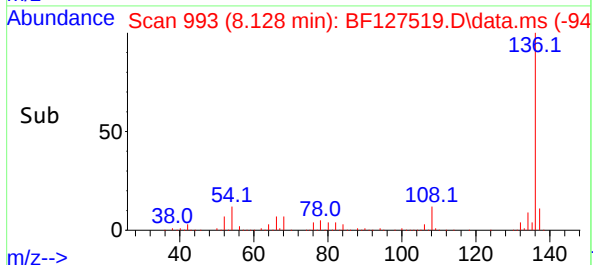
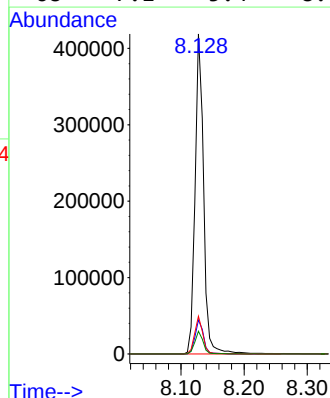
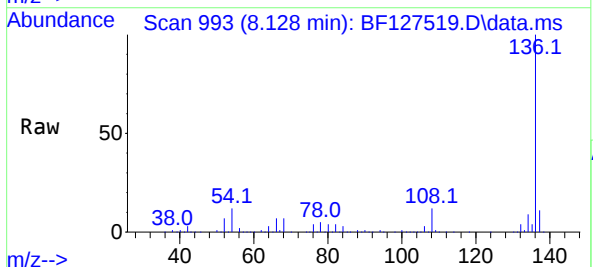
Instrument :
BNA_F
ClientSampleId :
PB143592BL

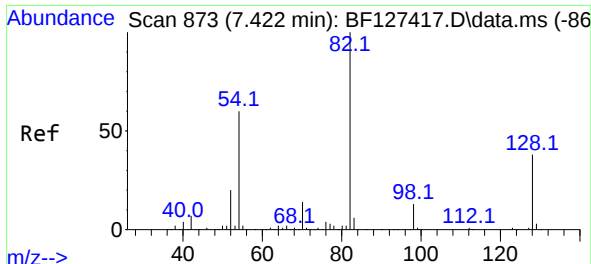
Tgt Ion: 99 Resp: 1125157
Ion Ratio Lower Upper
99 100
42 21.6 17.8 26.6
71 36.7 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

Tgt Ion: 136 Resp: 390566
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.8 9.2 13.8
68 7.1 5.4 8.0

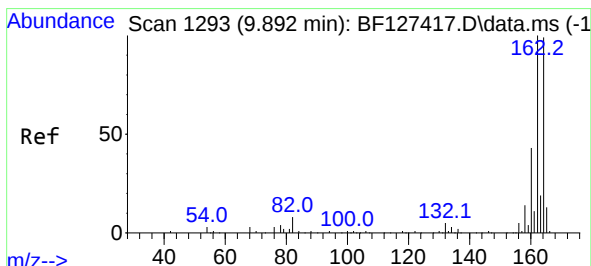
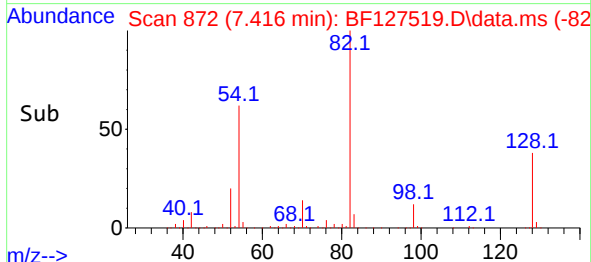
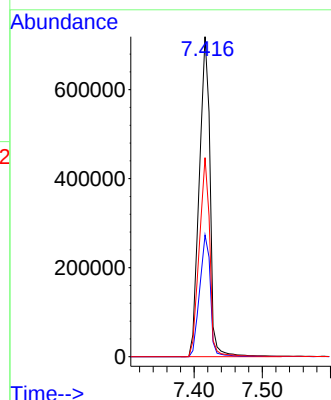
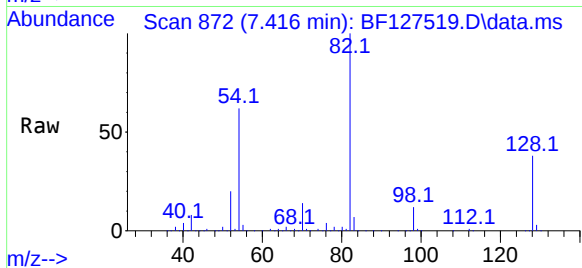




#23
Nitrobenzene-d5
Concen: 86.342 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

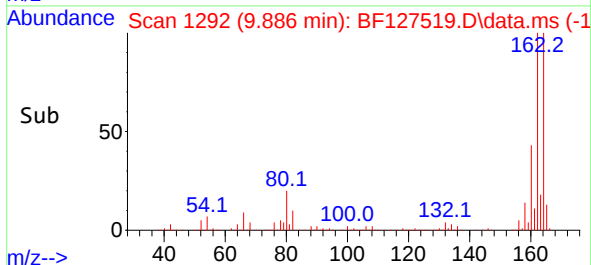
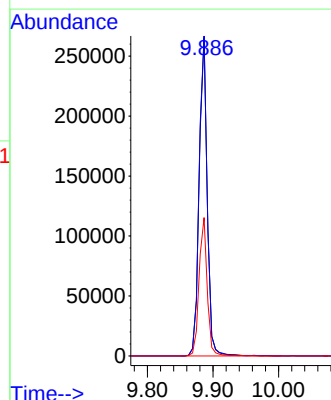
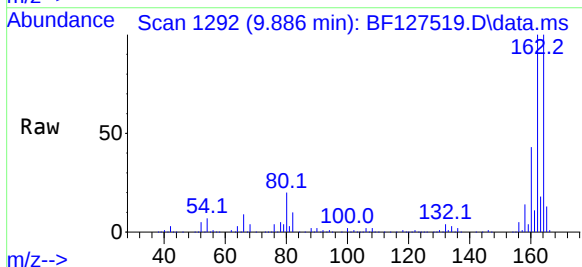
Instrument :
BNA_F
ClientSampleId :
PB143592BL

Tgt Ion: 82 Resp: 788905
Ion Ratio Lower Upper
82 100
128 38.0 30.6 45.8
54 62.2 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

Tgt Ion:164 Resp: 227691
Ion Ratio Lower Upper
164 100
162 100.5 81.2 121.8
160 43.5 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 124.424 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127519.D

Acq: 25 Mar 2022 10:21

Instrument :

BNA_F

ClientSampleId :

PB143592BL

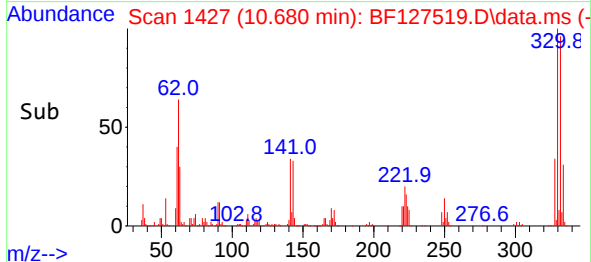
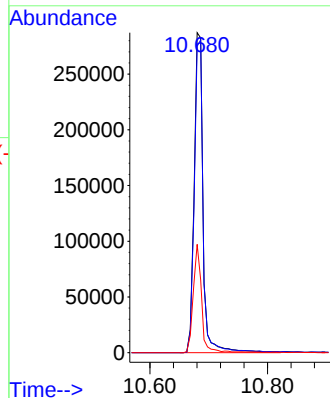
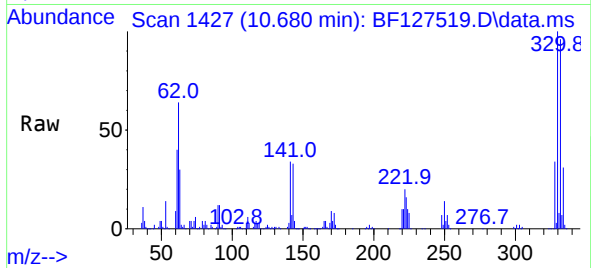
Tgt Ion:330 Resp: 301789

Ion Ratio Lower Upper

330 100

332 97.0 79.1 118.7

141 32.0 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 84.588 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127519.D

Acq: 25 Mar 2022 10:21

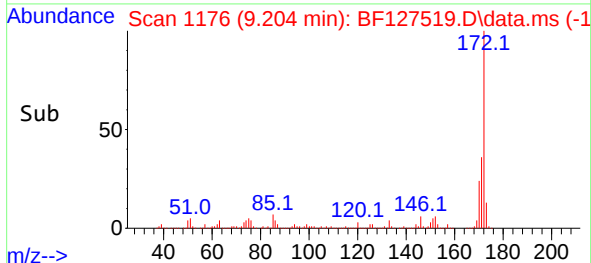
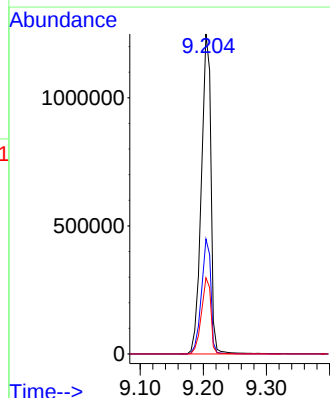
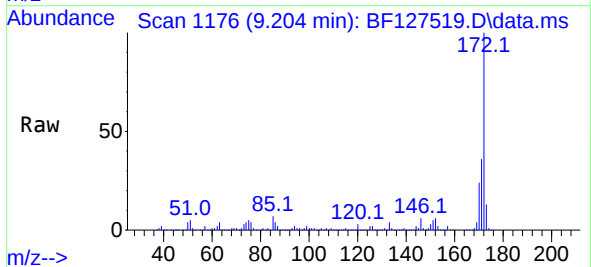
Tgt Ion:172 Resp: 1318967

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.8 18.6 27.8

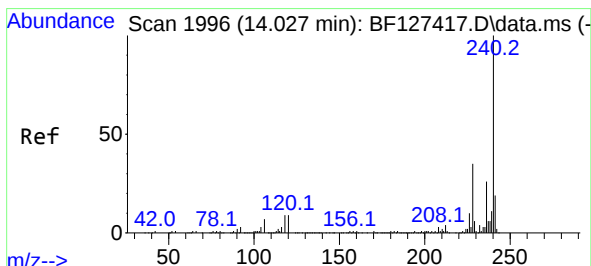
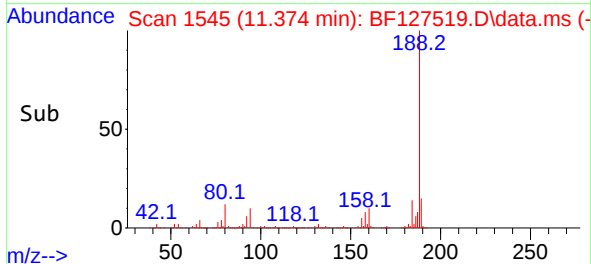
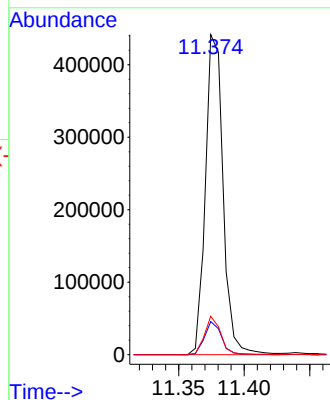
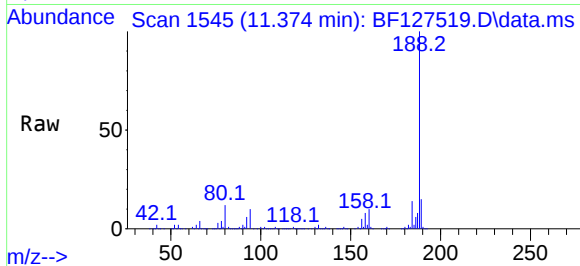




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

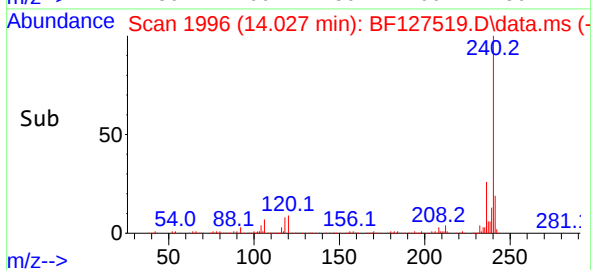
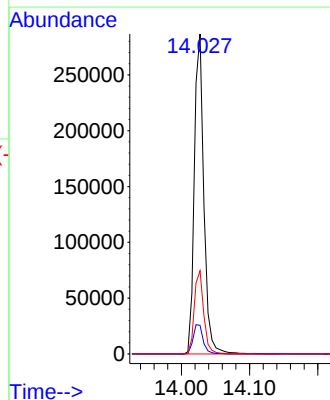
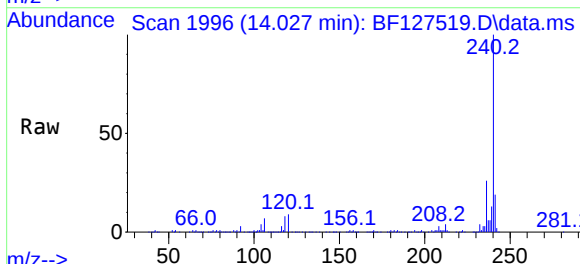
Instrument :
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Tgt Ion:188 Resp: 415349
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 12.0 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

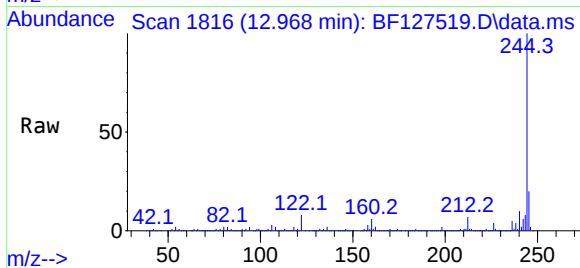
Tgt Ion:240 Resp: 276751
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 26.0 20.7 31.1





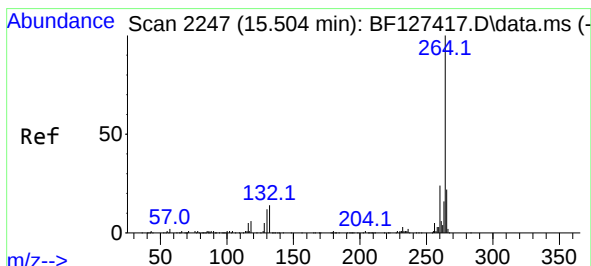
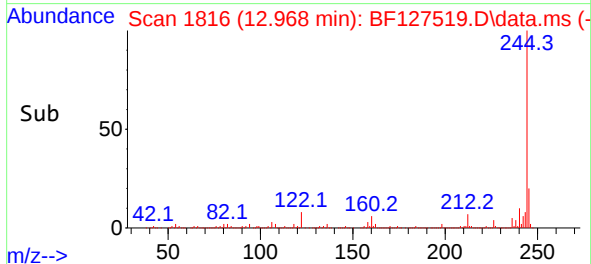
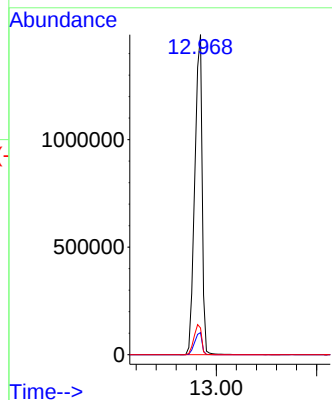
#79
 Terphenyl-d14
 Concen: 88.987 ng
 RT: 12.968 min Scan# 1816
 Delta R.T. 0.000 min
 Lab File: BF127519.D
 Acq: 25 Mar 2022 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB143592BL



Tgt Ion:244 Resp: 1504394

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	8.4	6.2	9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2248
 Delta R.T. 0.006 min
 Lab File: BF127519.D
 Acq: 25 Mar 2022 10:21

Tgt Ion:264 Resp: 198262

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.3	17.4	26.2

