

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127530.D
 Acq On : 25 Mar 2022 17:18
 Operator : CG\JU
 Sample : N2077-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-4

Quant Time: Mar 26 02:21:11 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	81877	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	305133	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	176554	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	320750	20.000	ng	0.00
76) Chrysene-d12	14.027	240	194504	20.000	ng	0.00
86) Perylene-d12	15.509	264	170473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	704053	137.257	ng	0.02
7) Phenol-d6	6.492	99	907838	129.478	ng	0.00
23) Nitrobenzene-d5	7.416	82	690164	96.684	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	269197	143.133	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1147636	94.918	ng	0.00
79) Terphenyl-d14	12.963	244	1304778	109.815	ng	0.00

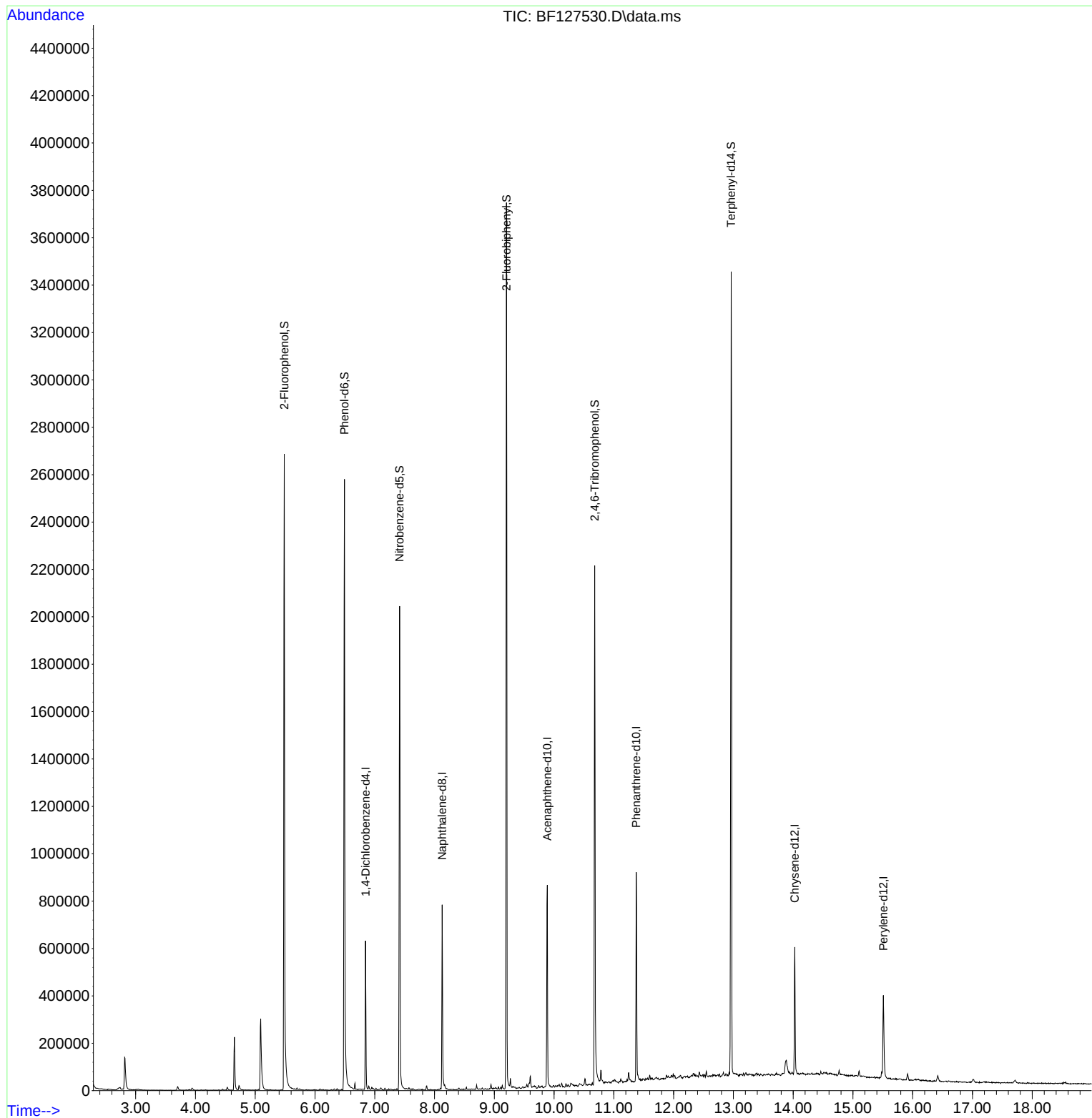
Target Compounds	Qvalue

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

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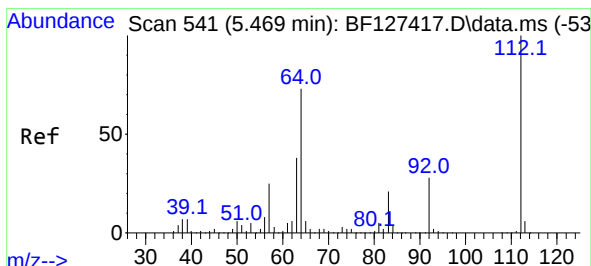
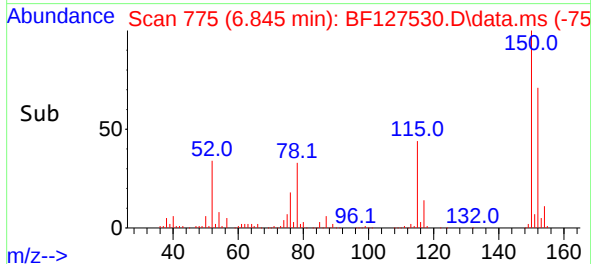
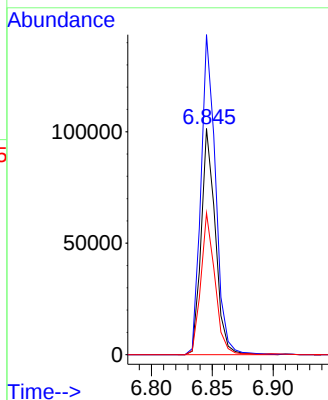
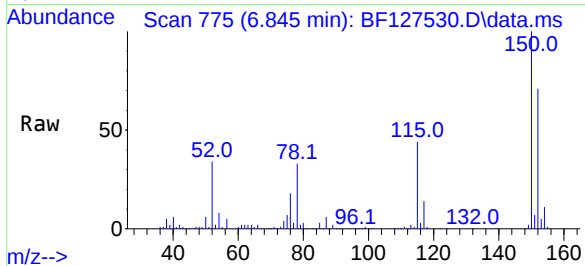




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

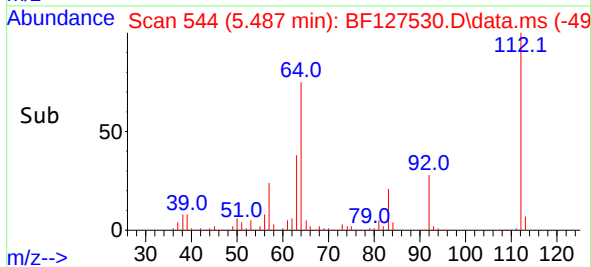
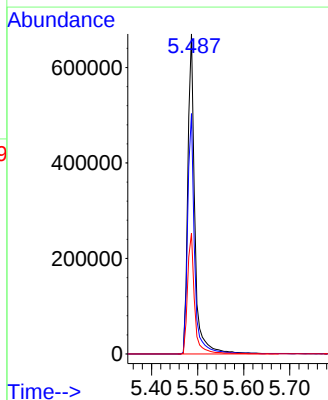
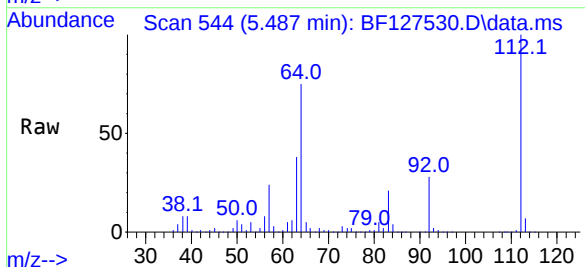
Instrument :
BNA_F
ClientSampleId :
WC-14A-4

Tgt Ion:152 Resp: 81877
Ion Ratio Lower Upper
152 100
150 141.5 117.2 175.8
115 62.6 49.8 74.6

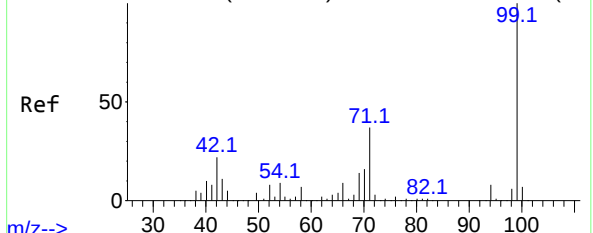


#5
2-Fluorophenol
Concen: 137.257 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

Tgt Ion:112 Resp: 704053
Ion Ratio Lower Upper
112 100
64 75.1 58.4 87.6
63 37.7 30.1 45.1

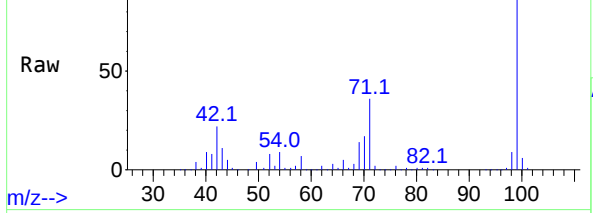


Abundance Scan 714 (6.486 min): BF127417.D\data.ms (-70)



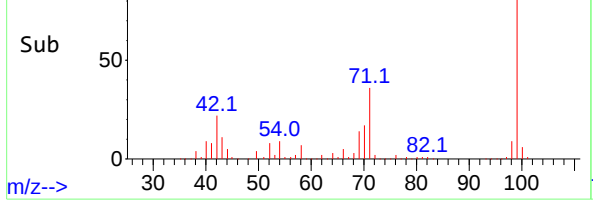
m/z-->

Abundance Scan 715 (6.492 min): BF127530.D\data.ms



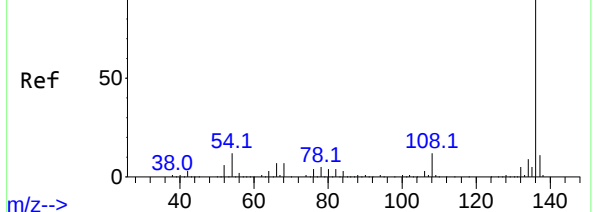
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Abundance Scan 715 (6.492 min): BF127530.D\data.ms (-66)



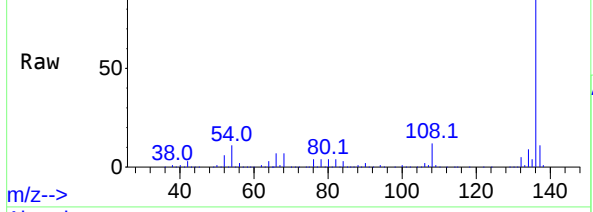
m/z-->

Abundance Scan 994 (8.133 min): BF127417.D\data.ms (-98)



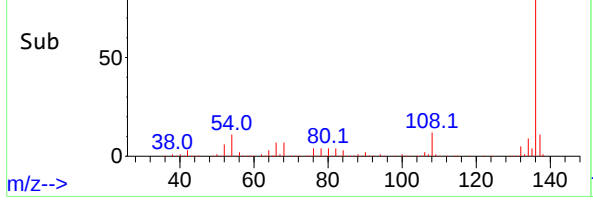
m/z-->

Abundance Scan 993 (8.128 min): BF127530.D\data.ms



m/z-->

Abundance Scan 993 (8.128 min): BF127530.D\data.ms (-94)



m/z-->

#7

Phenol-d6

Concen: 129.478 ng

RT: 6.492 min Scan# 714

Delta R.T. 0.006 min

Lab File: BF127530.D

Acq: 25 Mar 2022 17:18

Instrument :

BNA_F

ClientSampleId :

WC-14A-4

Tgt Ion: 99 Resp: 907838

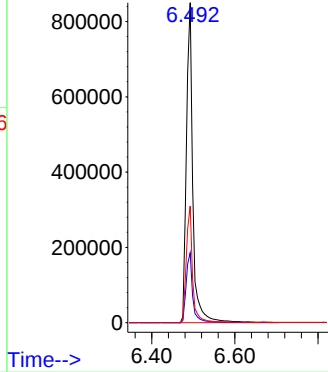
Ion Ratio Lower Upper

99 100

42 21.8 17.8 26.6

71 36.5 29.6 44.4

Abundance



Time-->

#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127530.D

Acq: 25 Mar 2022 17:18

Tgt Ion: 136 Resp: 305133

Ion Ratio Lower Upper

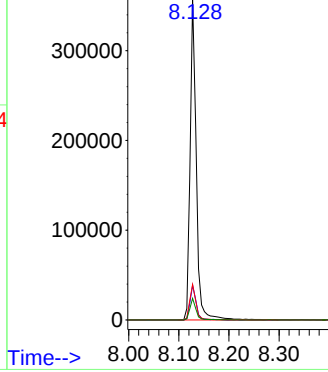
136 100

137 10.8 8.6 13.0

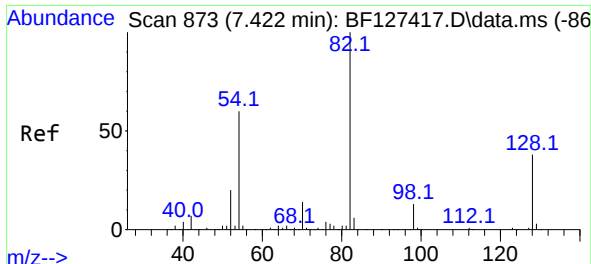
54 11.1 9.2 13.8

68 6.8 5.4 8.0

Abundance



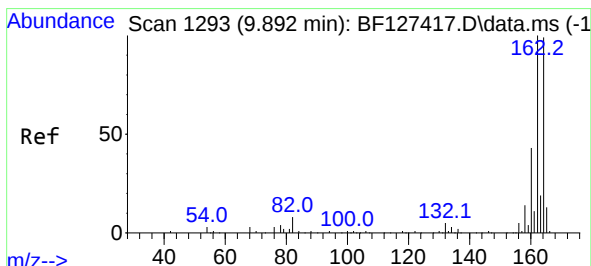
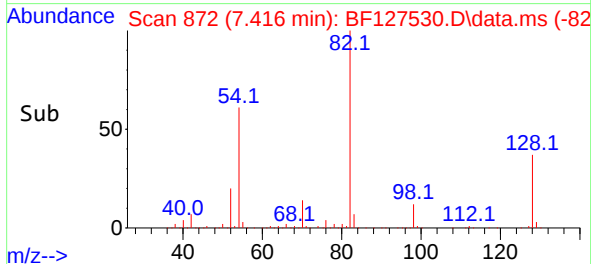
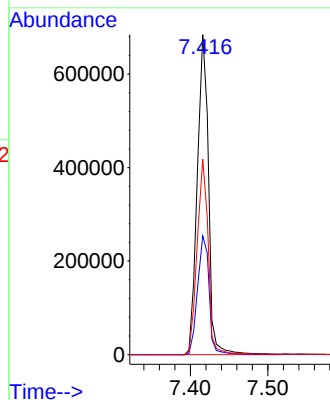
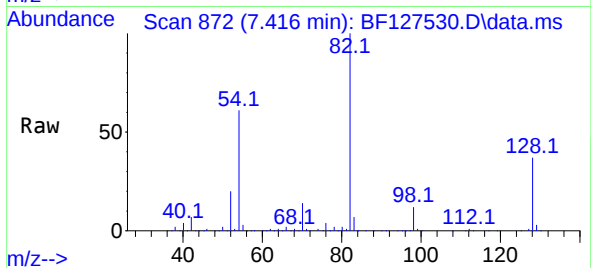
Time-->



#23
Nitrobenzene-d5
Concen: 96.684 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

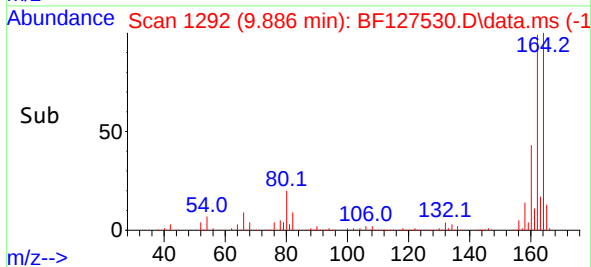
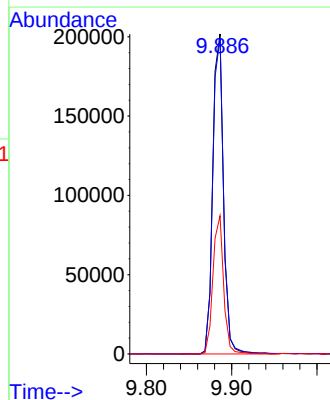
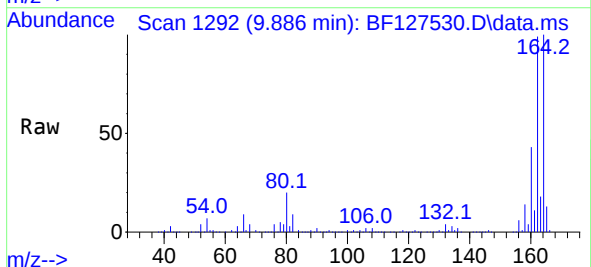
Instrument :
BNA_F
ClientSampleId :
WC-14A-4

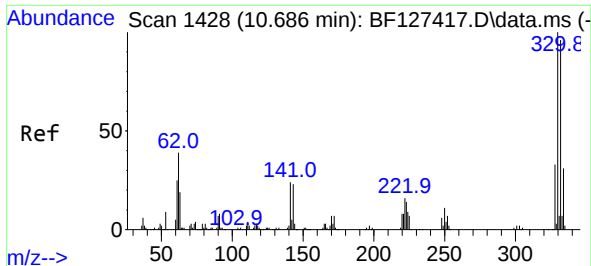
Tgt Ion: 82 Resp: 690164
Ion Ratio Lower Upper
82 100
128 37.1 30.6 45.8
54 61.0 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

Tgt Ion:164 Resp: 176554
Ion Ratio Lower Upper
164 100
162 98.7 81.2 121.8
160 43.2 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 143.133 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127530.D

Acq: 25 Mar 2022 17:18

Instrument :

BNA_F

ClientSampleId :

WC-14A-4

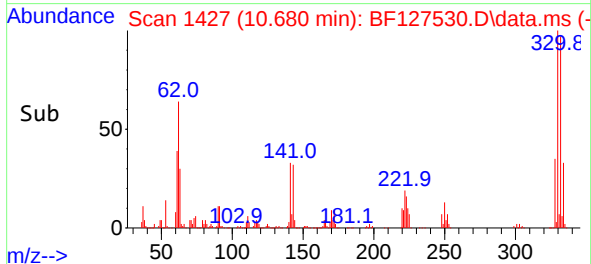
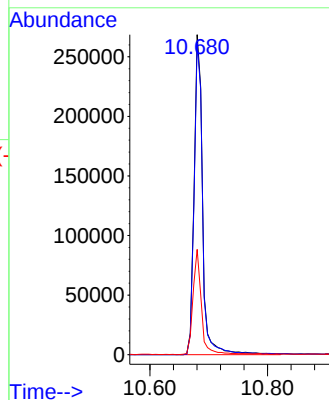
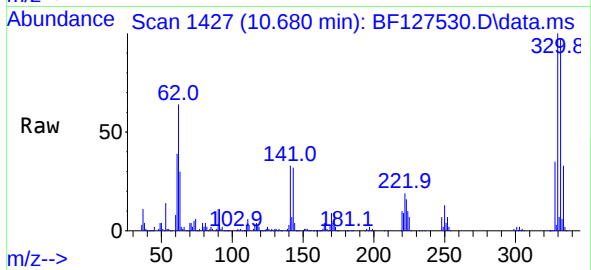
Tgt Ion:330 Resp: 269197

Ion Ratio Lower Upper

330 100

332 96.7 79.1 118.7

141 32.5 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 94.918 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127530.D

Acq: 25 Mar 2022 17:18

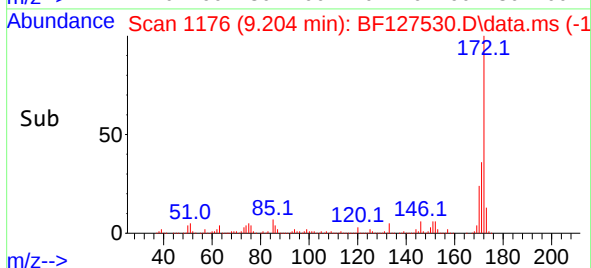
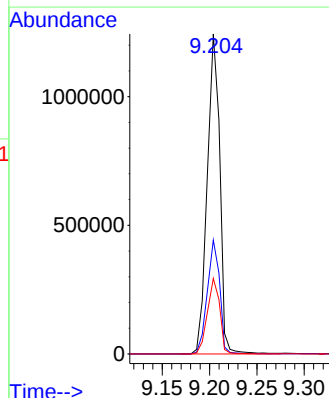
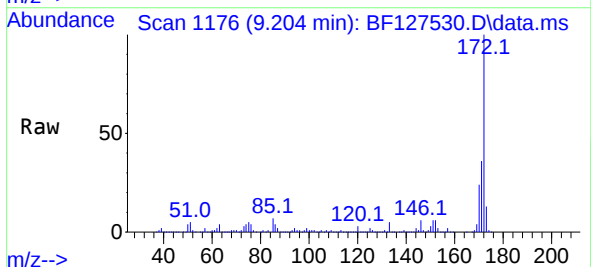
Tgt Ion:172 Resp: 1147636

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.6 18.6 27.8

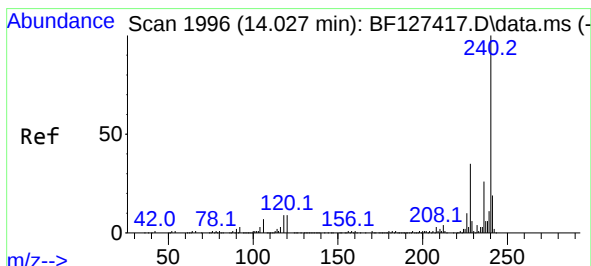
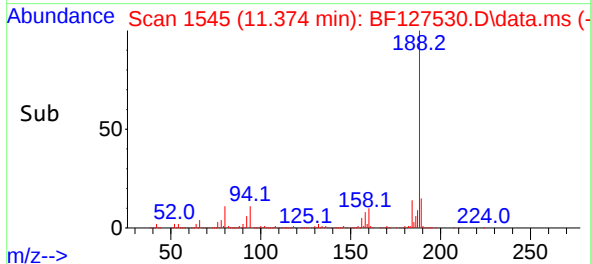
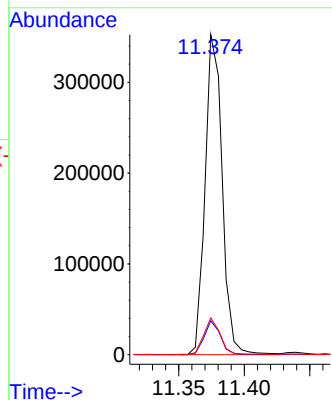
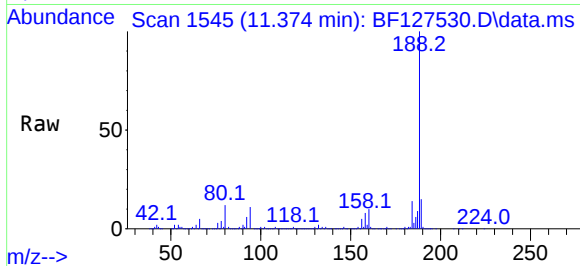




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

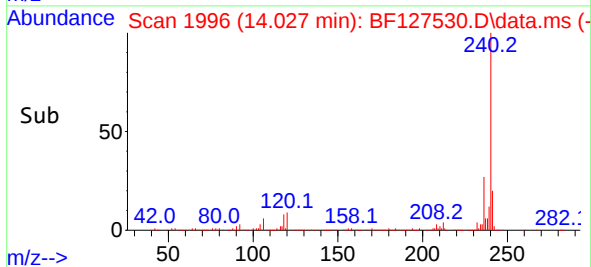
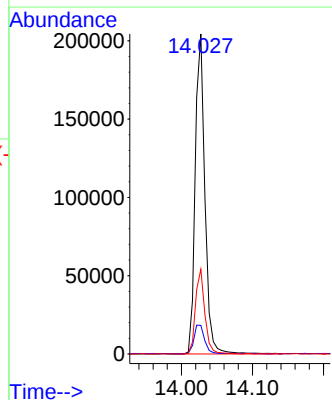
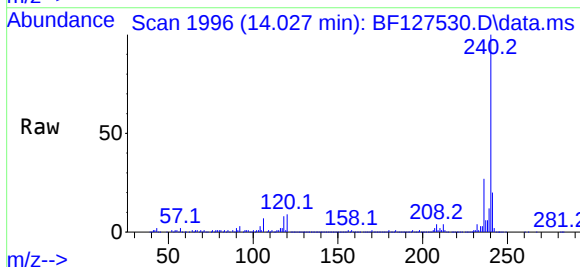
Instrument :
BNA_F
ClientSampleId :
WC-14A-4

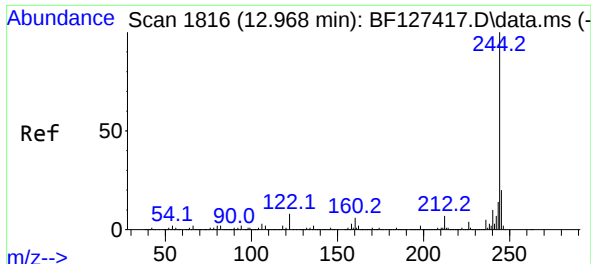
Tgt Ion:188 Resp: 320750
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.0
80 11.5 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

Tgt Ion:240 Resp: 194504
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 26.5 20.7 31.1

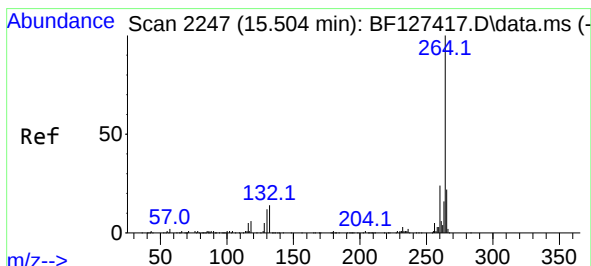
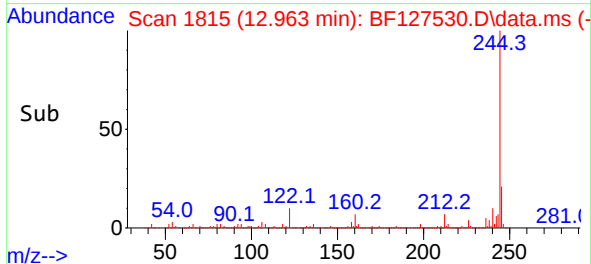
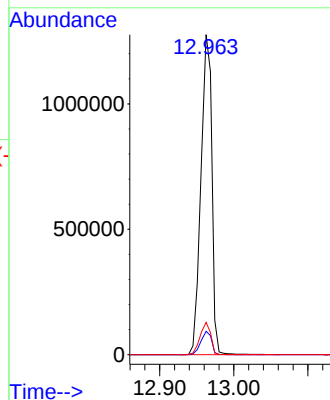
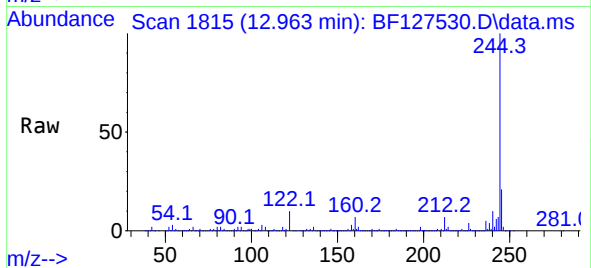




#79
Terphenyl-d14
Concen: 109.815 ng
RT: 12.963 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

Instrument :
BNA_F
ClientSampleId :
WC-14A-4

Tgt Ion:244 Resp: 1304778
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.1 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: BF127530.D
Acq: 25 Mar 2022 17:18

Tgt Ion:264 Resp: 170473
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 20.9 17.4 26.2

