

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
 Data File : BF127489.D
 Acq On : 23 Mar 2022 19:19
 Operator : CG\JU
 Sample : N2063-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4-2-(10-10.5)

Quant Time: Mar 24 02:13:15 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	89024	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	324820	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	185738	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	330943	20.000	ng	0.00
76) Chrysene-d12	14.021	240	178541	20.000	ng	0.00
86) Perylene-d12	15.504	264	184044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	542164	97.211	ng	0.00
7) Phenol-d6	6.481	99	744187	97.617	ng	0.00
23) Nitrobenzene-d5	7.410	82	498954	65.661	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	177695	89.809	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	797143	62.670	ng	0.00
79) Terphenyl-d14	12.957	244	711795	65.264	ng	-0.01

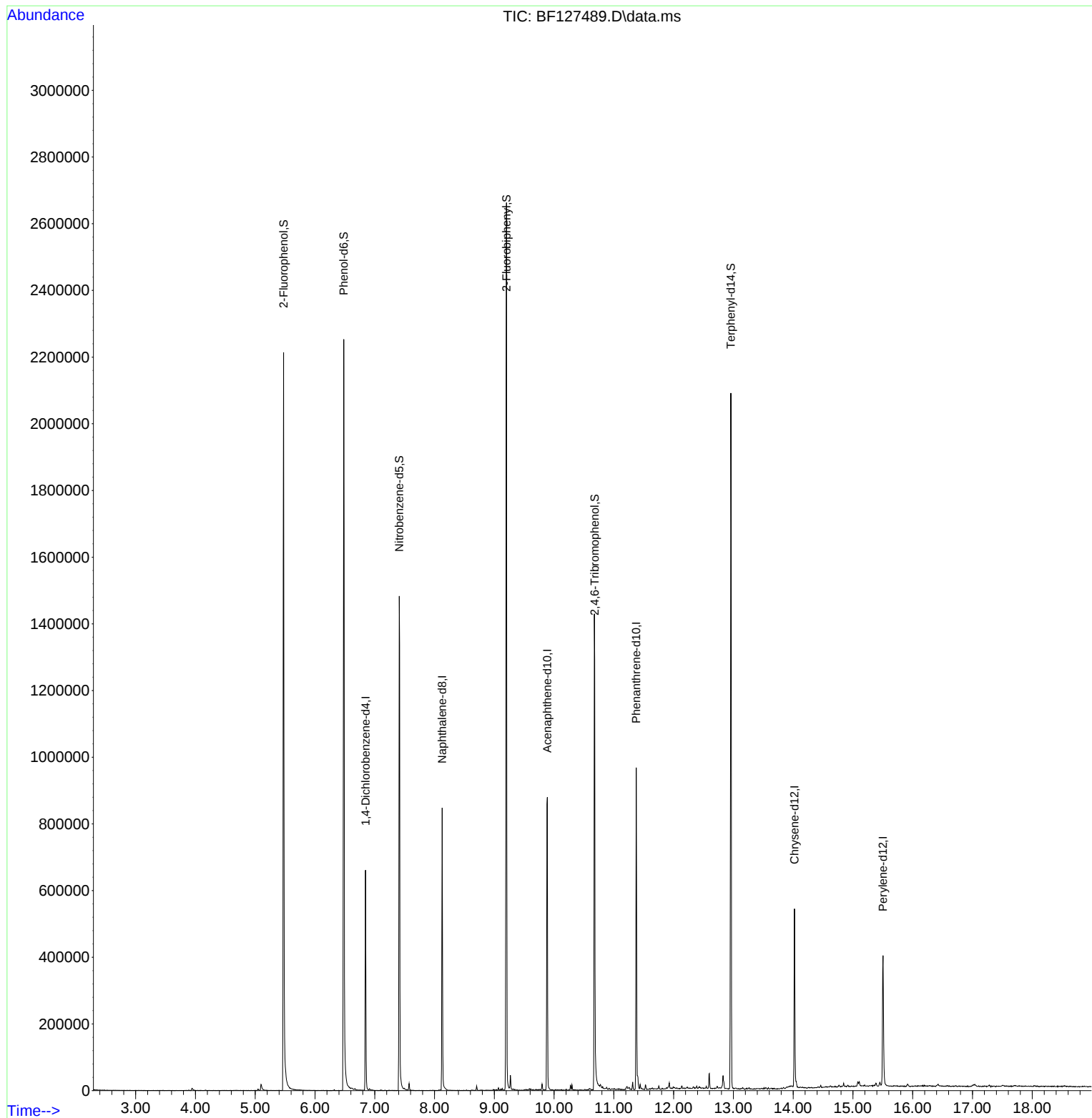
Target Compounds	Qvalue

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

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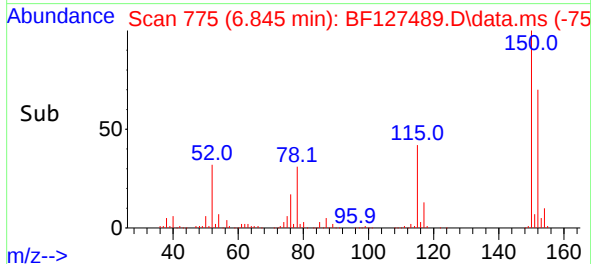
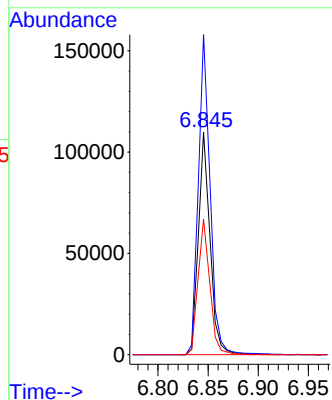
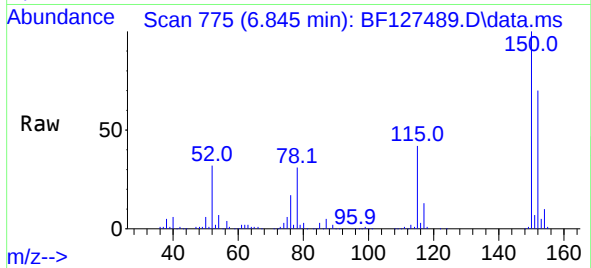




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

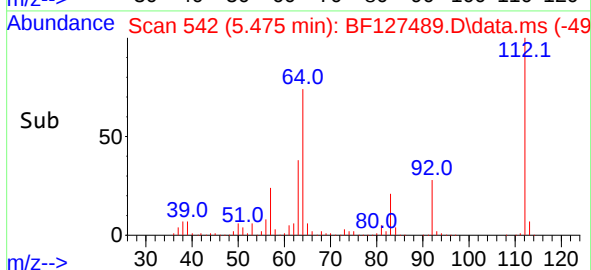
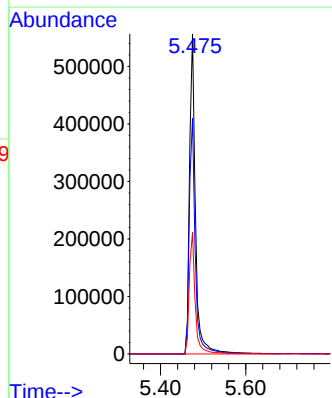
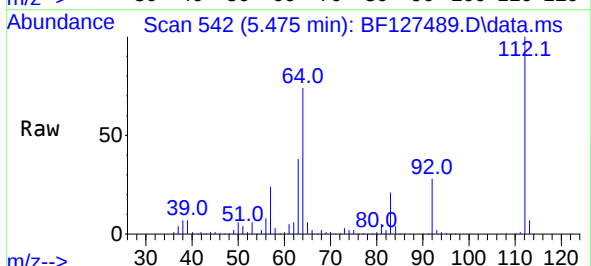
Instrument :
BNA_F
ClientSampleId :
WC-4-2-(10-10.5)

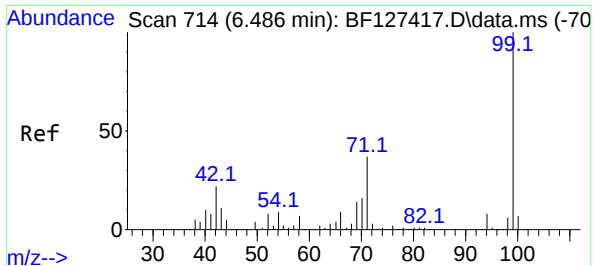
Tgt Ion:152 Resp: 89024
Ion Ratio Lower Upper
152 100
150 143.7 117.2 175.8
115 61.0 49.8 74.6



#5
2-Fluorophenol
Concen: 97.211 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

Tgt Ion:112 Resp: 542164
Ion Ratio Lower Upper
112 100
64 73.8 58.4 87.6
63 37.9 30.1 45.1



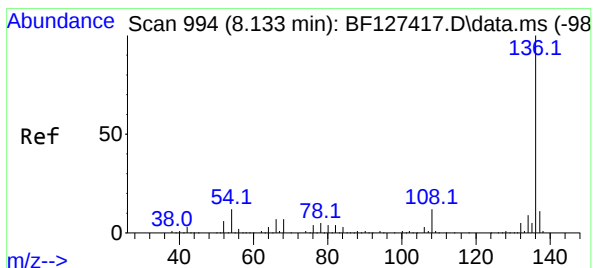
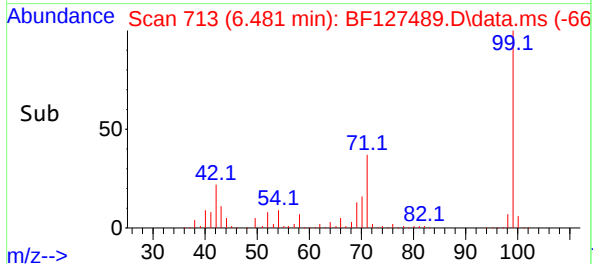
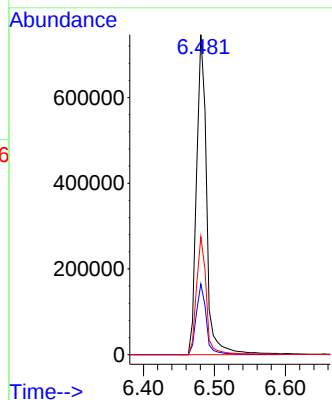
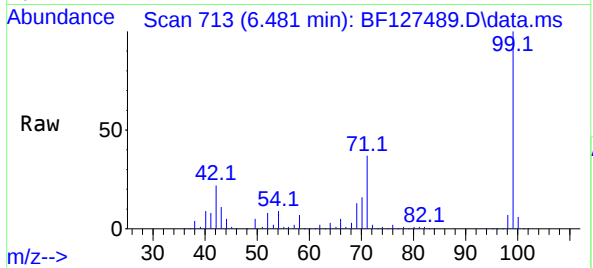


#7
Phenol-d6
Concen: 97.617 ng
RT: 6.481 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

Instrument :
BNA_F
ClientSampleId :
WC-4-2-(10-10.5)

Tgt Ion: 99 Resp: 744187

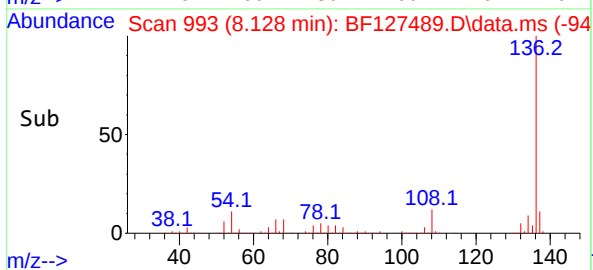
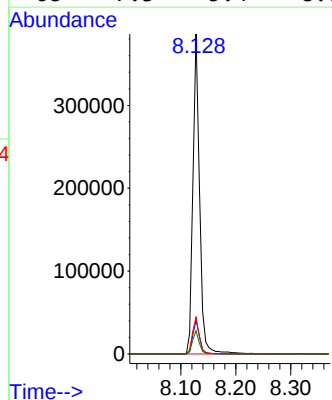
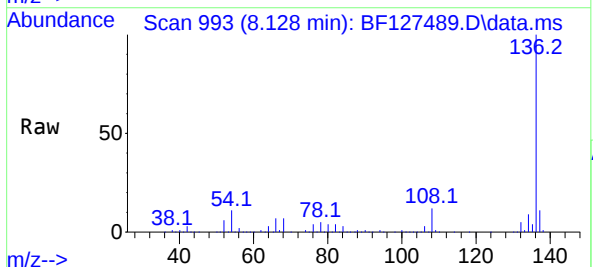
Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.8	26.6
71	36.9	29.6	44.4

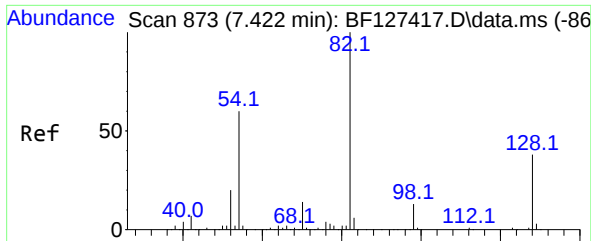


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

Tgt Ion: 136 Resp: 324820

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	11.5	9.2	13.8
68	7.3	5.4	8.0

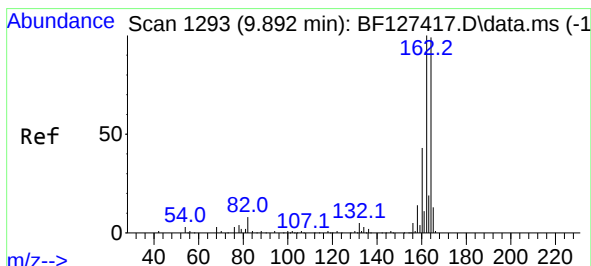
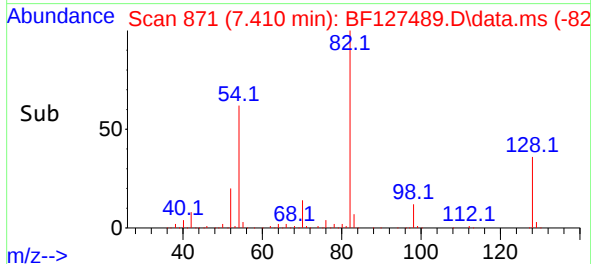
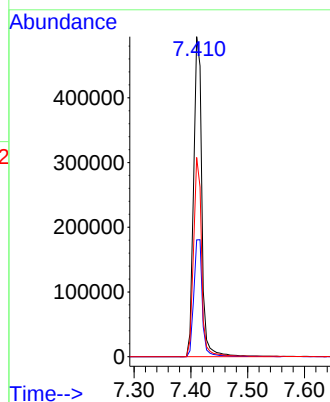
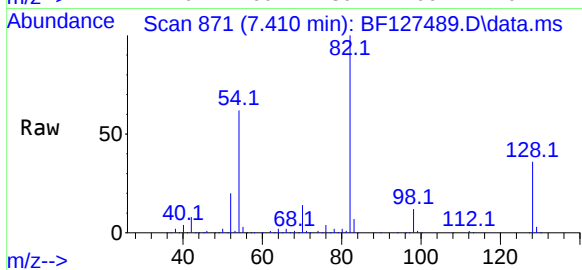




#23
Nitrobenzene-d5
Concen: 65.661 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

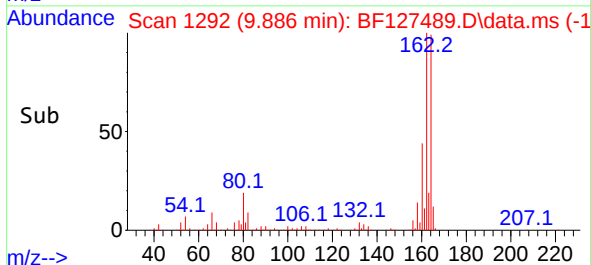
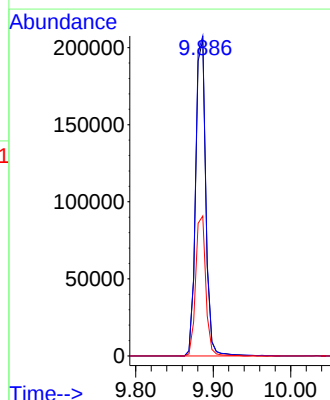
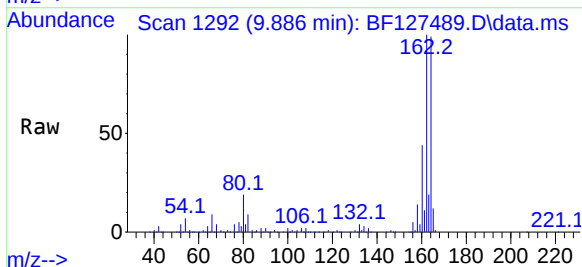
Instrument :
BNA_F
ClientSampleId :
WC-4-2-(10-10.5)

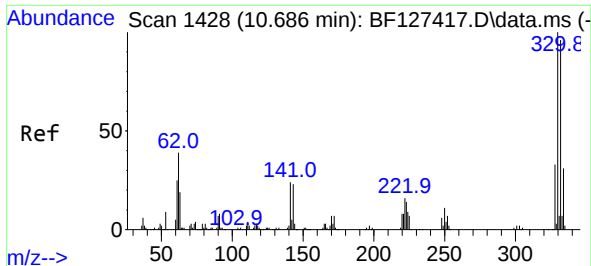
Tgt Ion: 82 Resp: 498954
Ion Ratio Lower Upper
82 100
128 36.5 30.6 45.8
54 62.2 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

Tgt Ion:164 Resp: 185738
Ion Ratio Lower Upper
164 100
162 101.1 81.2 121.8
160 44.3 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 89.809 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127489.D

Acq: 23 Mar 2022 19:19

Instrument :

BNA_F

ClientSampleId :

WC-4-2-(10-10.5)

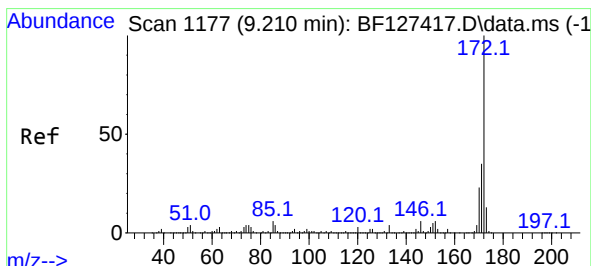
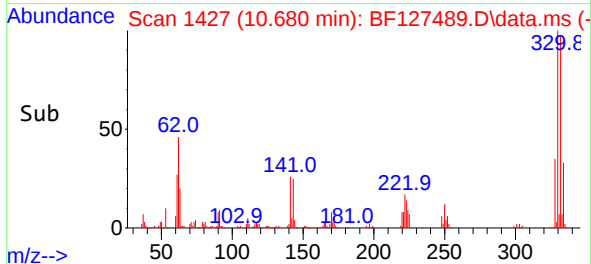
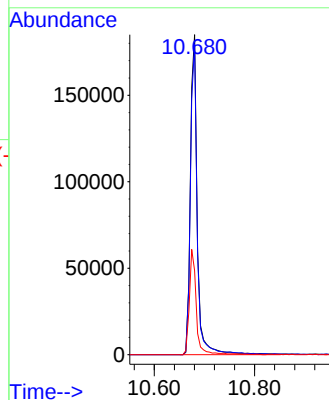
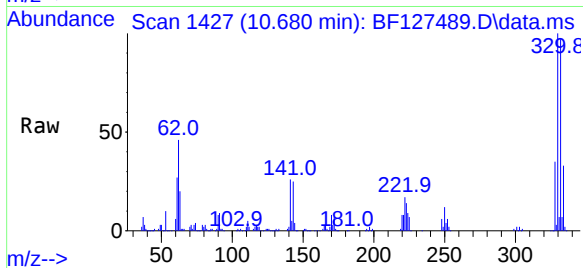
Tgt Ion:330 Resp: 177695

Ion Ratio Lower Upper

330 100

332 95.7 79.1 118.7

141 32.7 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 62.670 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127489.D

Acq: 23 Mar 2022 19:19

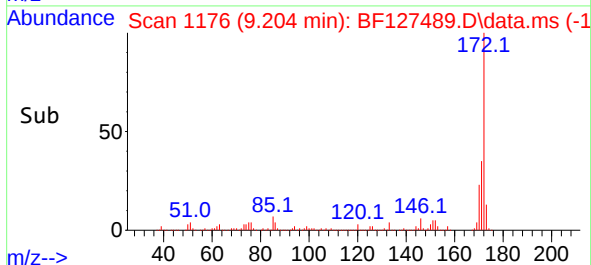
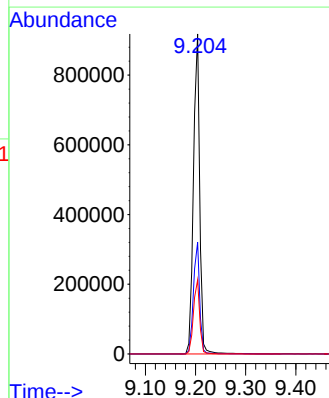
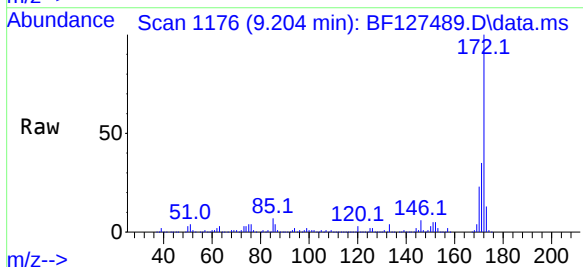
Tgt Ion:172 Resp: 797143

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.2 18.6 27.8

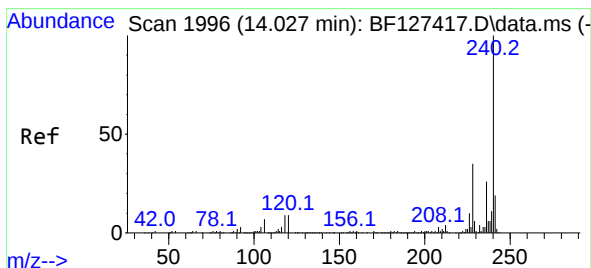
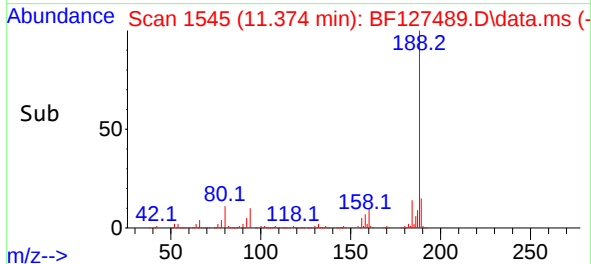
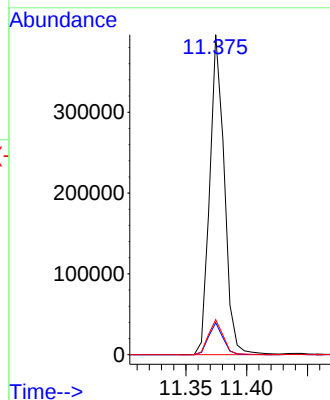
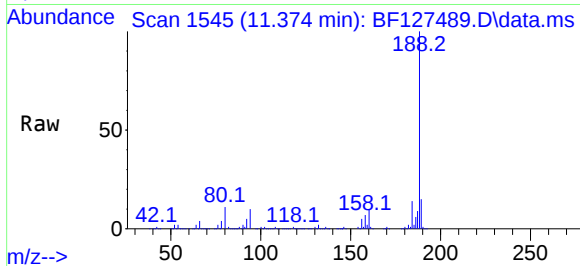




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

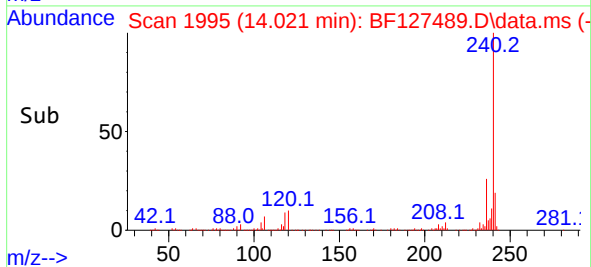
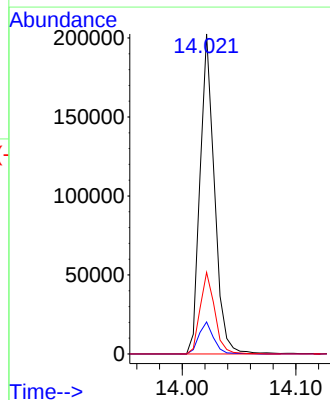
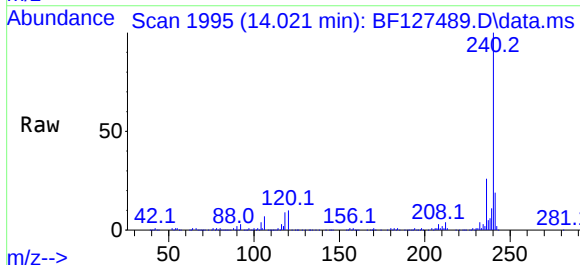
Instrument :
BNA_F
ClientSampleId :
WC-4-2-(10-10.5)

Tgt Ion:188 Resp: 330943
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.0
80 10.9 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

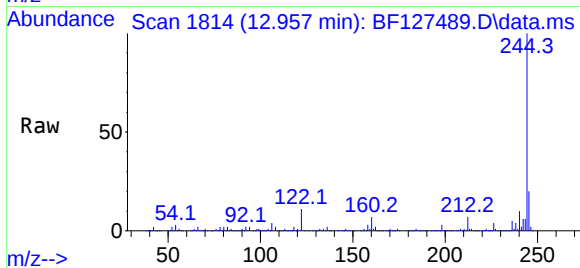
Tgt Ion:240 Resp: 178541
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 25.5 20.7 31.1



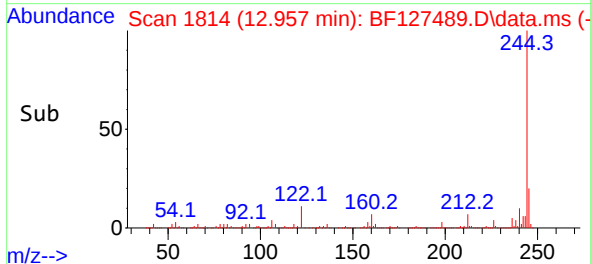
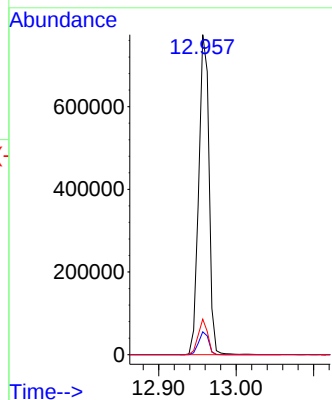


#79
 Terphenyl-d14
 Concen: 65.264 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF127489.D
 Acq: 23 Mar 2022 19:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-4-2-(10-10.5)



Tgt Ion:244 Resp: 711795
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 11.1 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF127489.D
 Acq: 23 Mar 2022 19:19

Tgt Ion:264 Resp: 184044
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.3 17.4 26.2

