

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF127997.D
 Acq On : 29 Apr 2022 16:20
 Operator : CG\JU
 Sample : N2606-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Apr 29 17:58:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

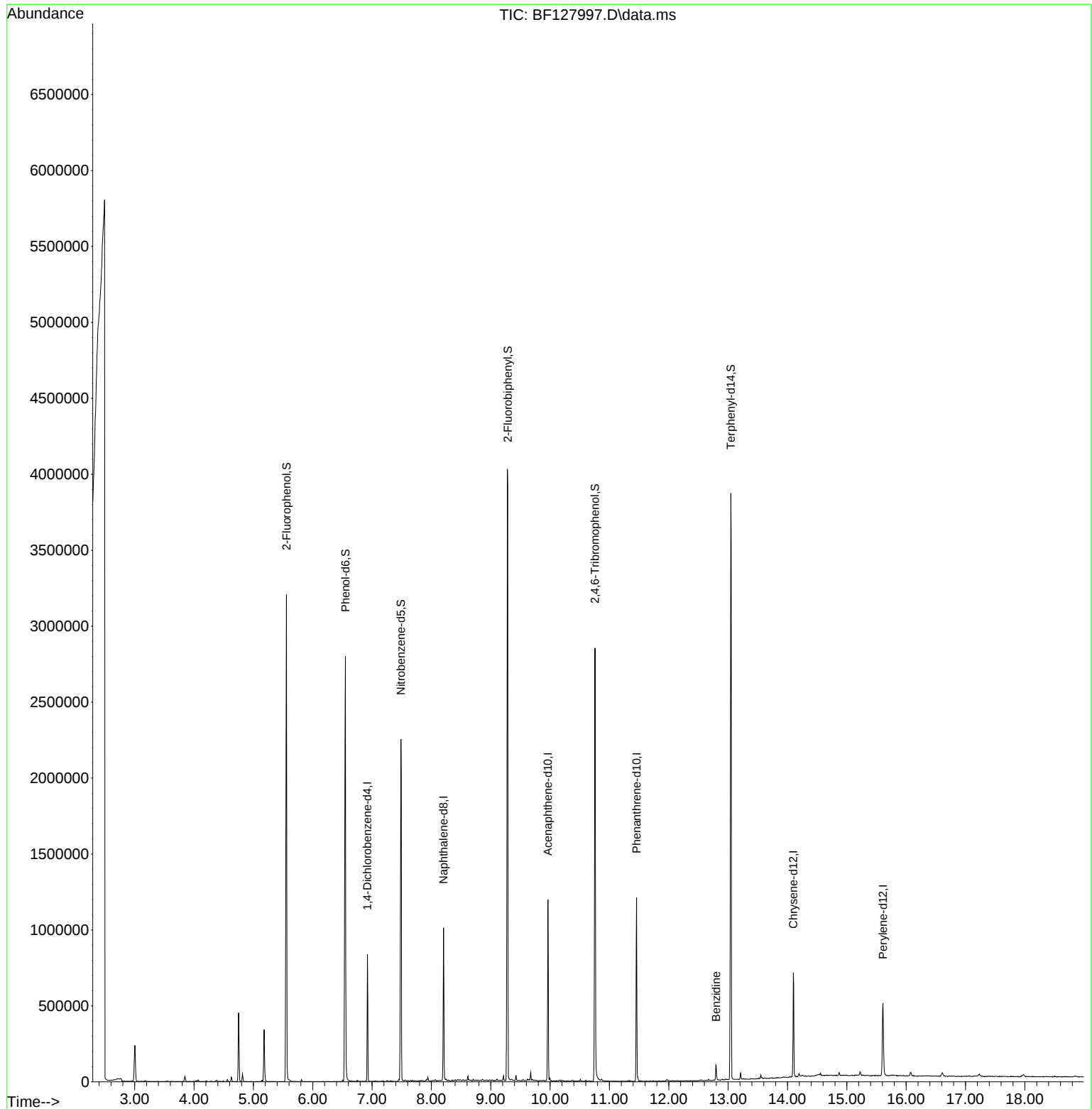
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	105703	20.000	ng	-0.01
21) Naphthalene-d8	8.204	136	414458	20.000	ng	-0.01
39) Acenaphthene-d10	9.963	164	238221	20.000	ng	-0.01
64) Phenanthrene-d10	11.457	188	423721	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	240367	20.000	ng	#-0.02
86) Perylene-d12	15.610	264	225761	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	826514	124.543	ng	0.00
7) Phenol-d6	6.551	99	1013044	117.643	ng	-0.01
23) Nitrobenzene-d5	7.487	82	857558	97.298	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	351706	146.660	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	1401504	99.529	ng	0.00
79) Terphenyl-d14	13.045	244	1477478	112.397	ng	-0.01
Target Compounds						
77) Benzidine	12.798	184	44122	9.701	ng	Qvalue 96

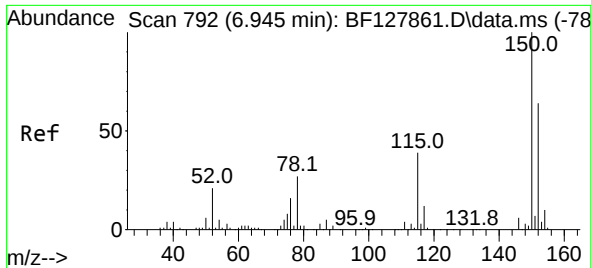
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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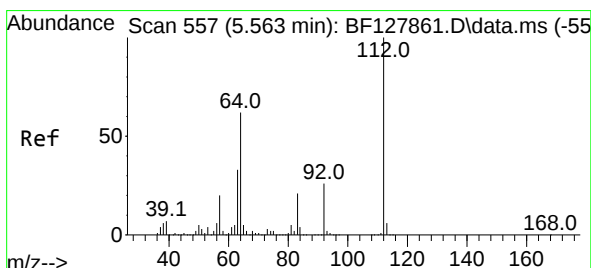
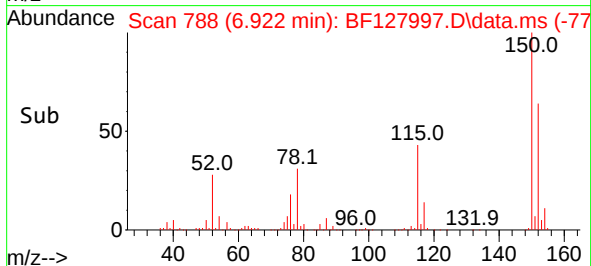
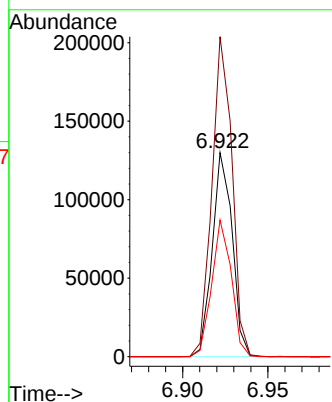
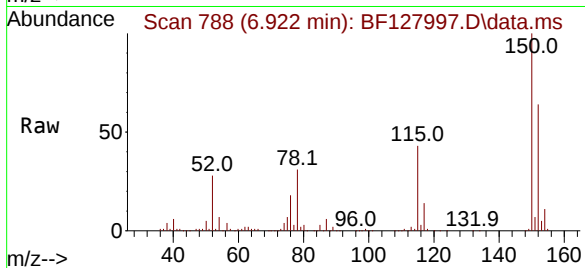




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 792
 Delta R.T. -0.012 min
 Lab File: BF127997.D
 Acq: 29 Apr 2022 16:20

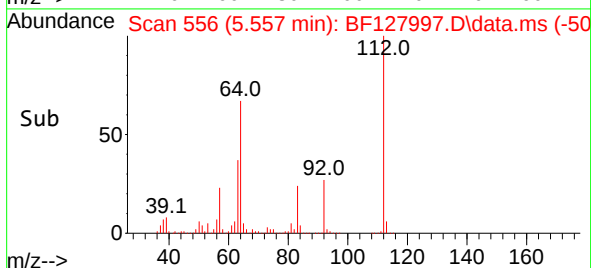
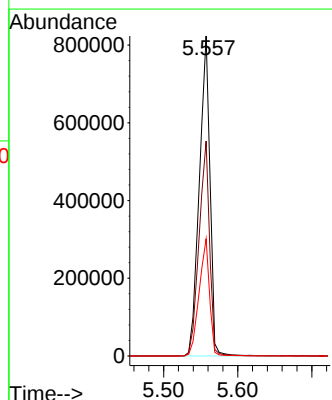
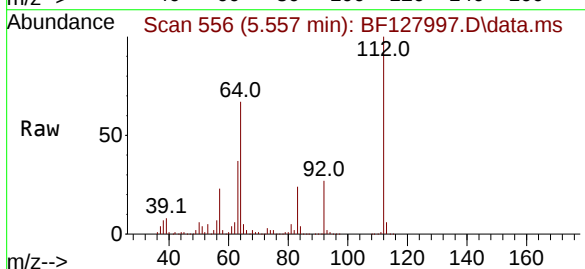
Instrument :
 BNA_F
 ClientSampleId :
 WC-3

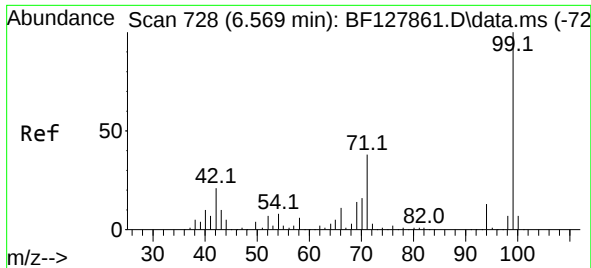
Tgt Ion:152 Resp: 105703
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.3 187.9
 115 67.0 48.8 73.2



#5
 2-Fluorophenol
 Concen: 124.543 ng
 RT: 5.557 min Scan# 556
 Delta R.T. 0.006 min
 Lab File: BF127997.D
 Acq: 29 Apr 2022 16:20

Tgt Ion:112 Resp: 826514
 Ion Ratio Lower Upper
 112 100
 64 67.1 49.5 74.3
 63 36.6 26.3 39.5

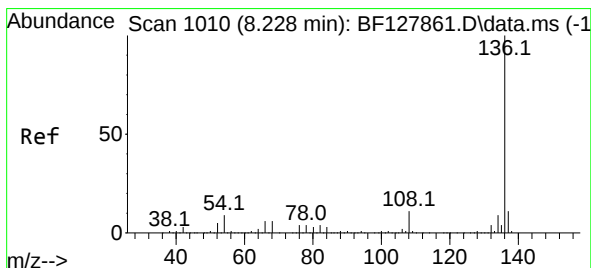
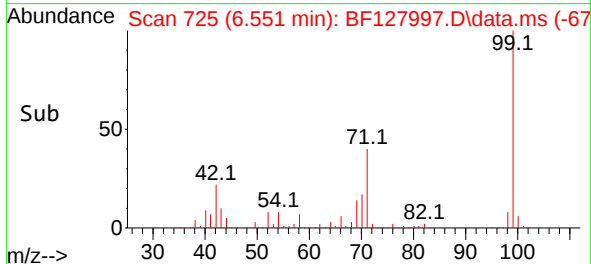
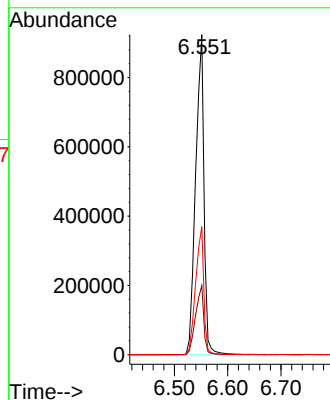
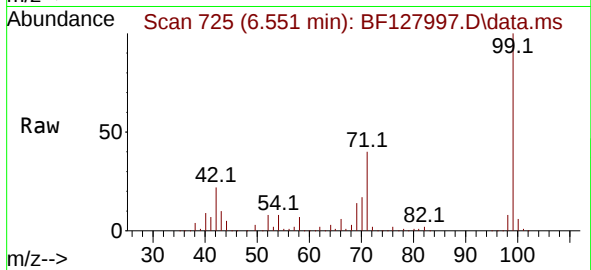




#7
Phenol-d6
Concen: 117.643 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127997.D
Acq: 29 Apr 2022 16:20

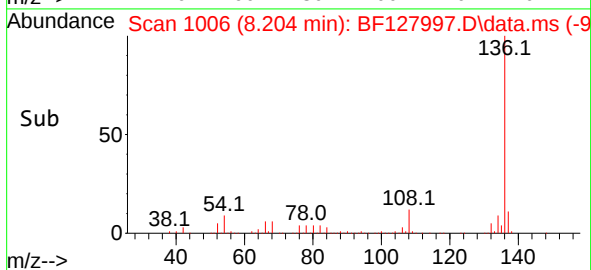
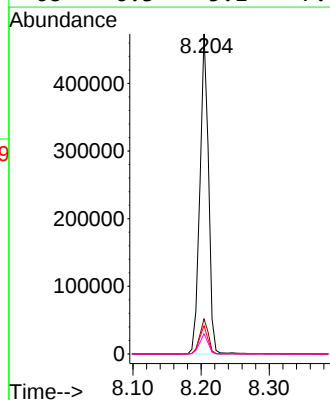
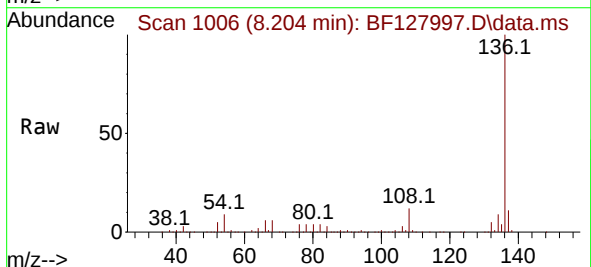
Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion: 99 Resp: 1013044
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 40.0 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF127997.D
Acq: 29 Apr 2022 16:20

Tgt Ion:136 Resp: 414458
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.8 6.8 10.2
68 6.3 5.1 7.7

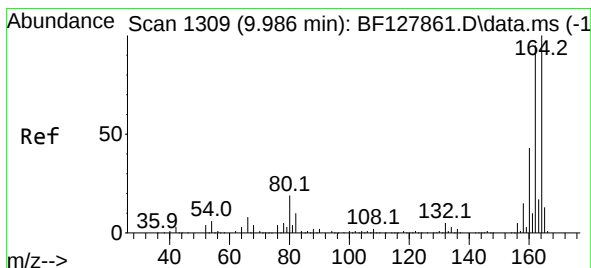
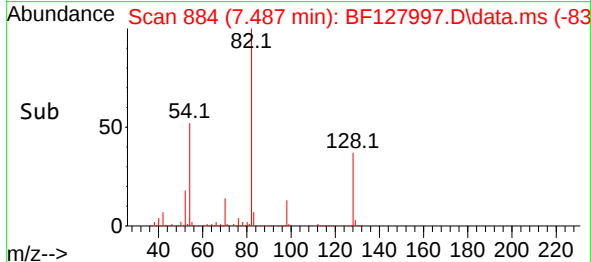
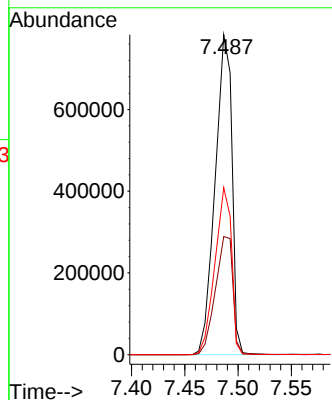
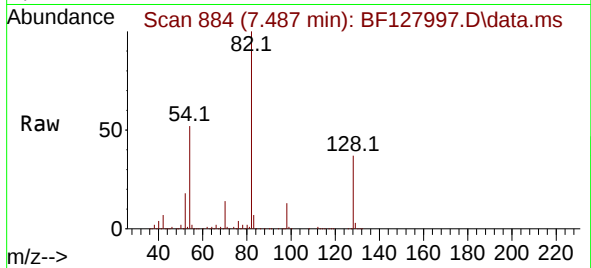




#23
 Nitrobenzene-d5
 Concen: 97.298 ng
 RT: 7.487 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BF127997.D
 Acq: 29 Apr 2022 16:20

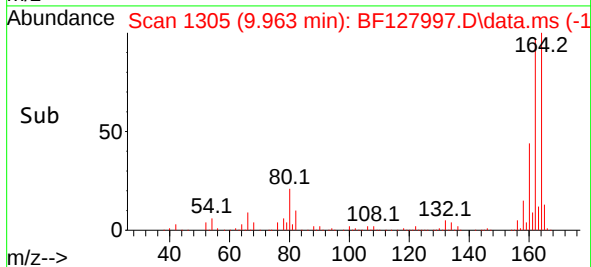
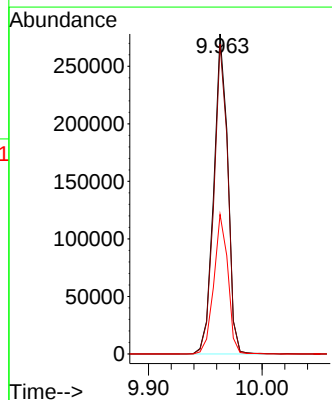
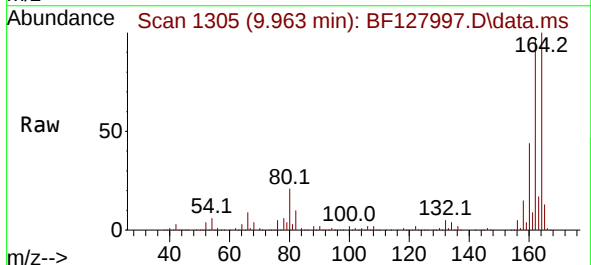
Instrument :
 BNA_F
 ClientSampleId :
 WC-3

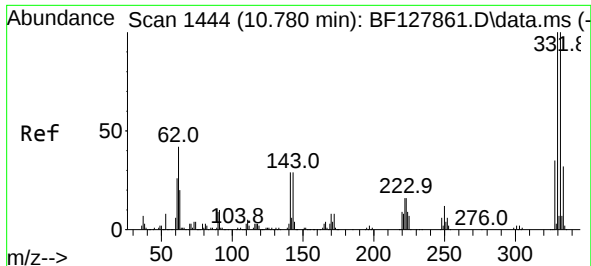
Tgt Ion: 82 Resp: 857558
 Ion Ratio Lower Upper
 82 100
 128 36.9 30.0 45.0
 54 52.2 41.3 61.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.963 min Scan# 1305
 Delta R.T. -0.012 min
 Lab File: BF127997.D
 Acq: 29 Apr 2022 16:20

Tgt Ion: 164 Resp: 238221
 Ion Ratio Lower Upper
 164 100
 162 96.8 76.0 114.0
 160 43.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 146.660 ng

RT: 10.757 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF127997.D

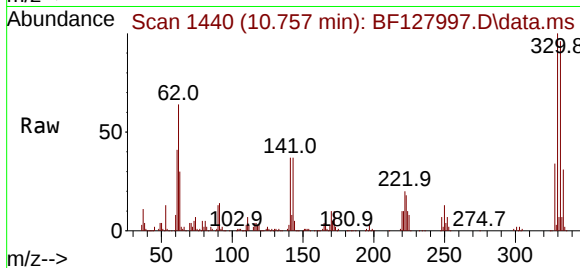
Acq: 29 Apr 2022 16:20

Instrument :

BNA_F

ClientSampleId :

WC-3



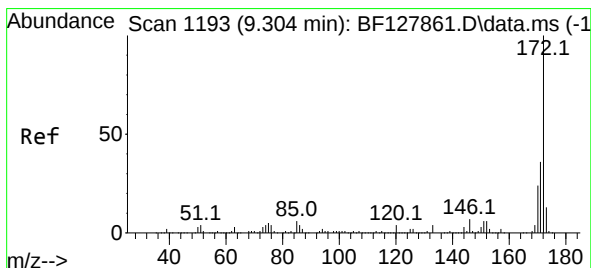
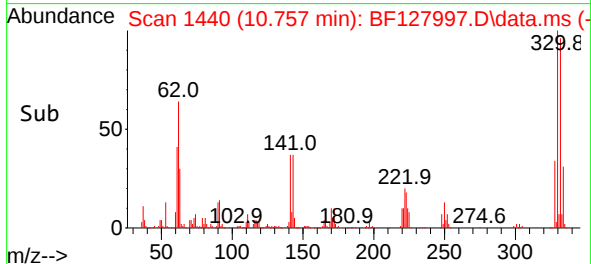
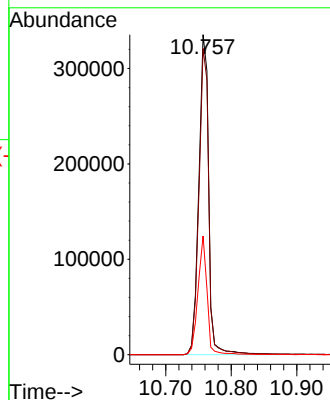
Tgt Ion:330 Resp: 351706

Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.4

141 34.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 99.529 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF127997.D

Acq: 29 Apr 2022 16:20

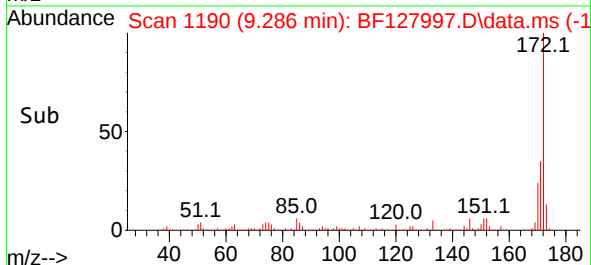
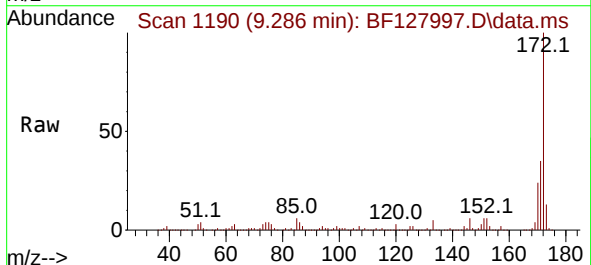
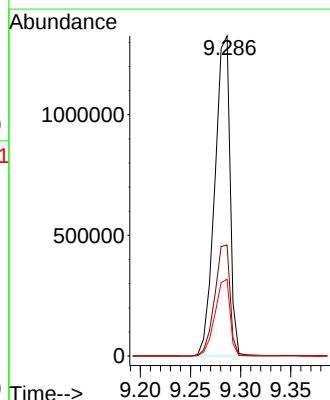
Tgt Ion:172 Resp: 1401504

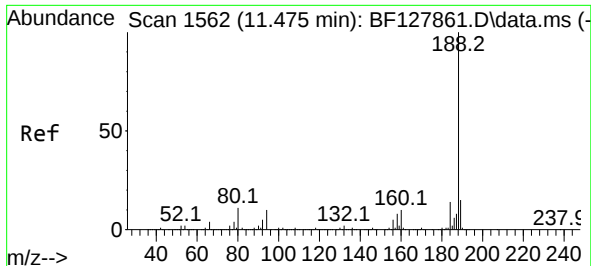
Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 24.0 19.1 28.7

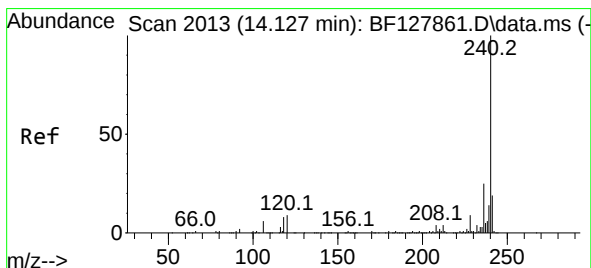
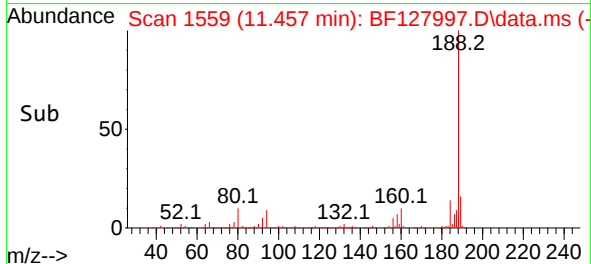
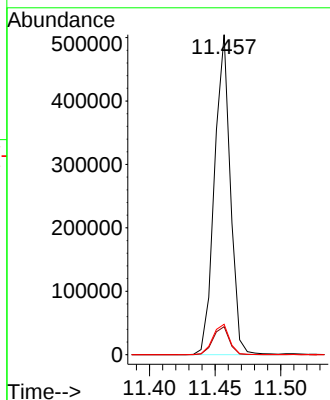
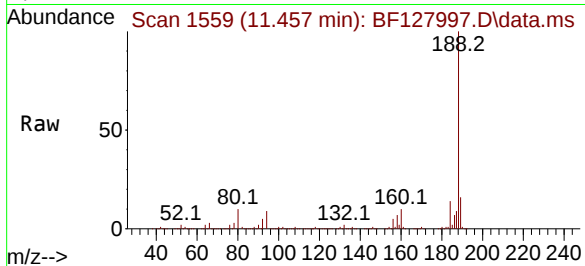




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF127997.D
Acq: 29 Apr 2022 16:20

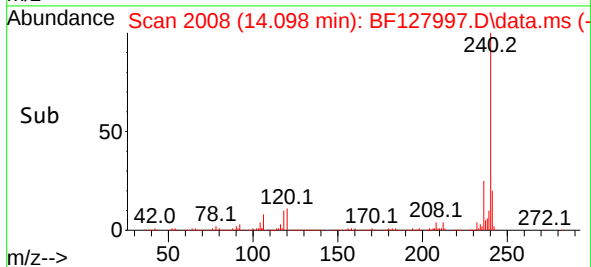
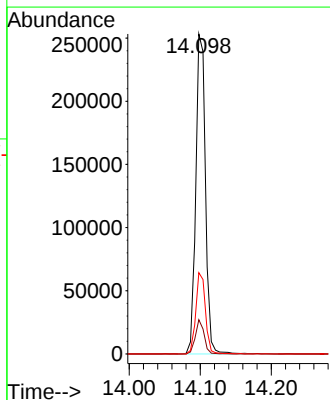
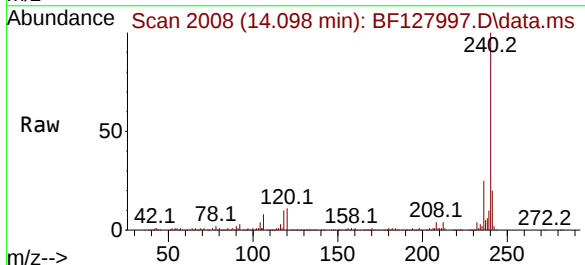
Instrument :
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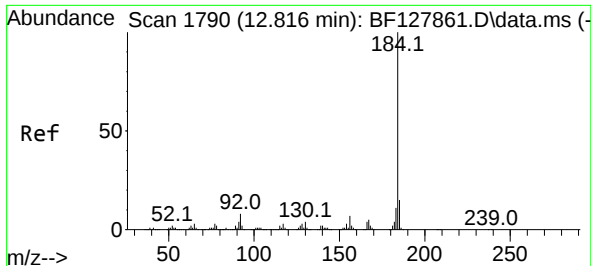
Tgt Ion:188 Resp: 423721
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.018 min
Lab File: BF127997.D
Acq: 29 Apr 2022 16:20

Tgt Ion:240 Resp: 240367
Ion Ratio Lower Upper
240 100
120 10.7 7.0 10.6#
236 25.4 20.3 30.5

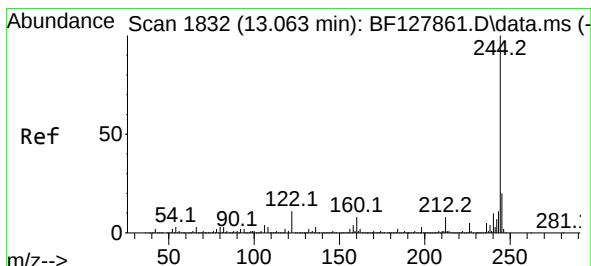
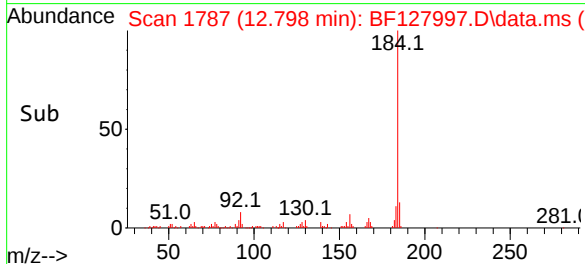
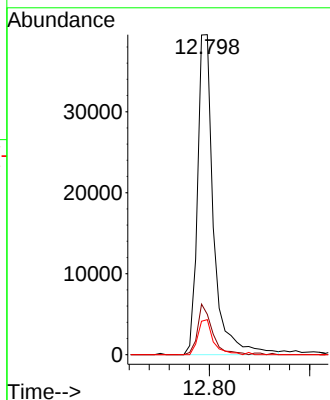
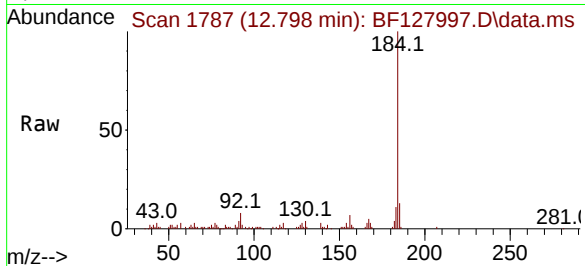




#77
Benzidine
Concen: 9.701 ng
RT: 12.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127997.D
Acq: 29 Apr 2022 16:20

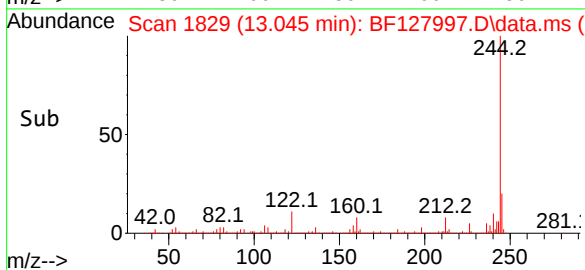
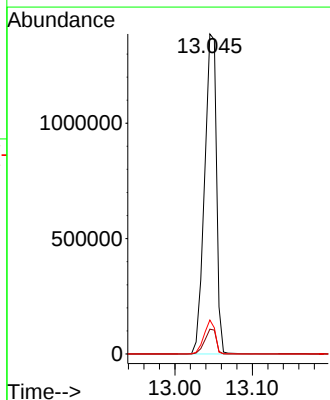
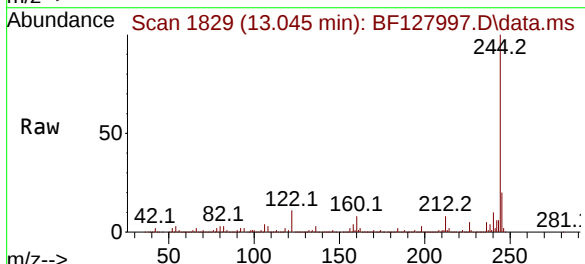
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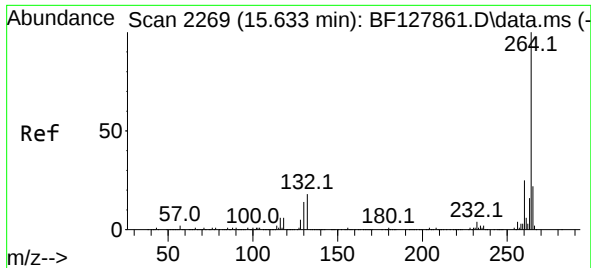
Tgt Ion:184 Resp: 44122
Ion Ratio Lower Upper
184 100
185 12.6 12.1 18.1
183 11.0 9.0 13.4



#79
Terphenyl-d14
Concen: 112.397 ng
RT: 13.045 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF127997.D
Acq: 29 Apr 2022 16:20

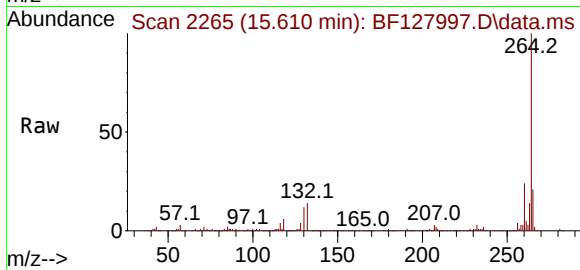
Tgt Ion:244 Resp: 1477478
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 10.6 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127997.D
Acq: 29 Apr 2022 16:20

Instrument :
BNA_F
ClientSampleId :
WC-3



Tgt Ion:264 Resp: 225761
Ion Ratio Lower Upper
264 100
260 23.9 20.1 30.1
265 21.0 17.5 26.3

