

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128048.D
 Acq On : 03 May 2022 16:20
 Operator : CG\JU
 Sample : N2663-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25

Quant Time: May 04 04:26:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

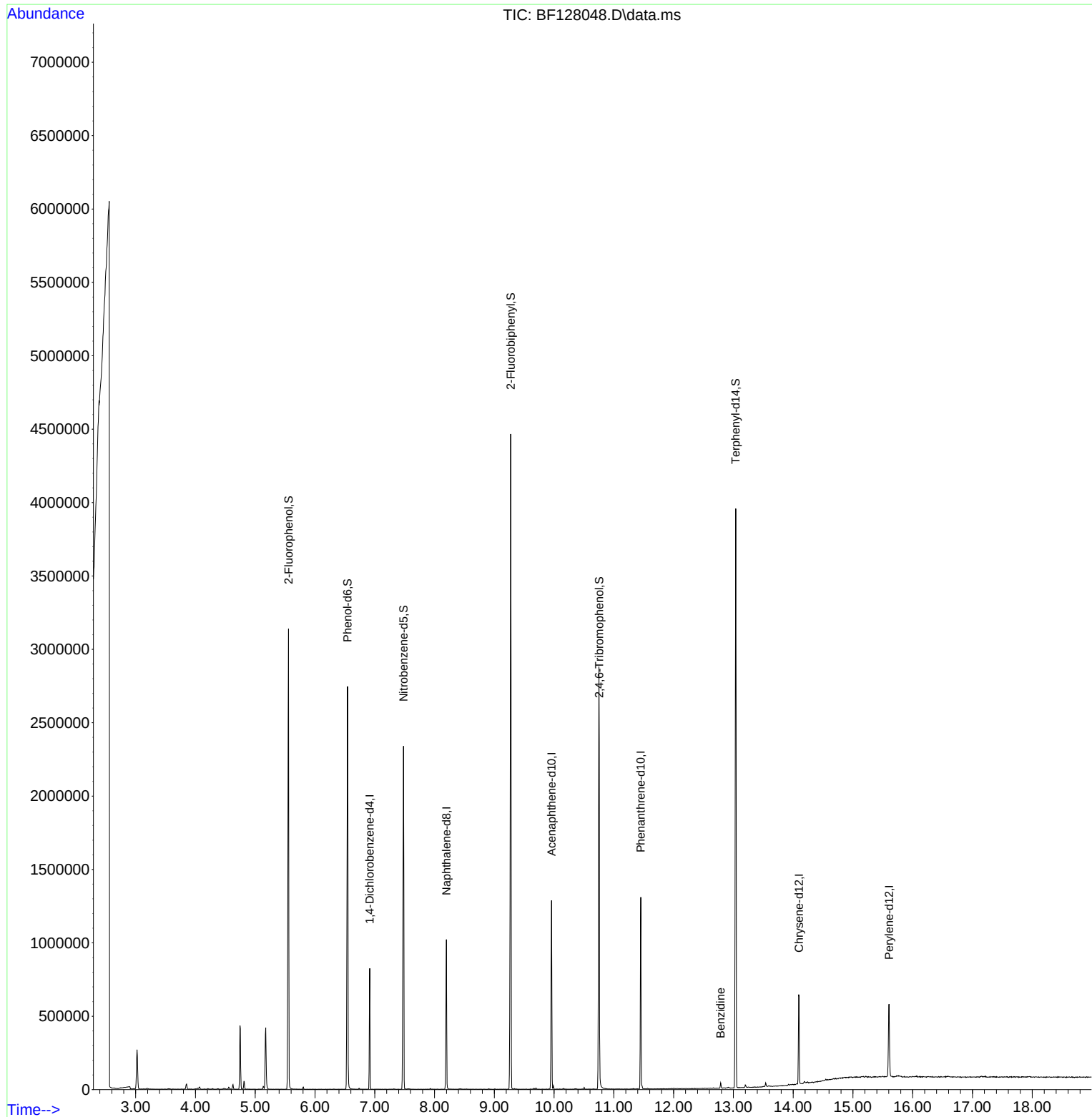
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	102744	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	418049	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	251816	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	454880	20.000	ng	0.00
76) Chrysene-d12	14.098	240	214791	20.000	ng	0.00
86) Perylene-d12	15.604	264	224148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	795866	123.379	ng	0.02
7) Phenol-d6	6.545	99	983764	117.533	ng	0.00
23) Nitrobenzene-d5	7.481	82	853635	96.021	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	375228	148.022	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1419911	95.392	ng	0.00
79) Terphenyl-d14	13.039	244	1386802	118.061	ng	0.00
Target Compounds						
77) Benzidine	12.786	184	12799	3.149	ng	Qvalue 99

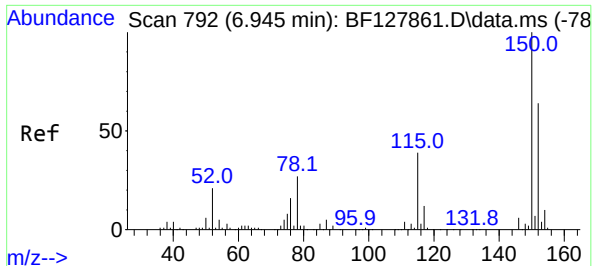
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
Data File : BF128048.D
Acq On : 03 May 2022 16:20
Operator : CG\JU
Sample : N2663-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-25

Quant Time: May 04 04:26:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 04:23:29 2022
Response via : Initial Calibration

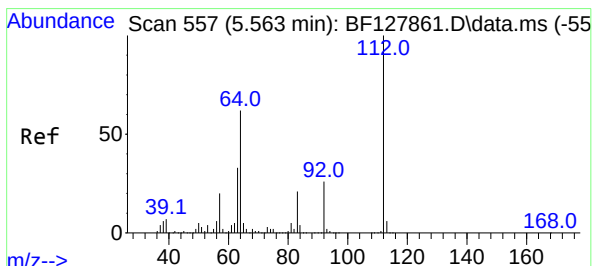
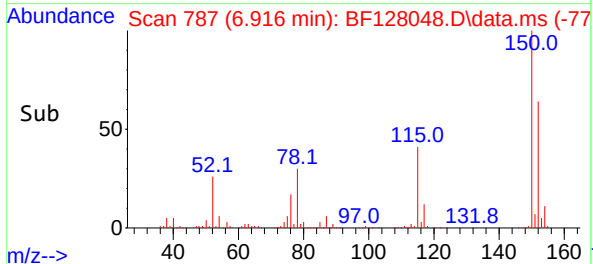
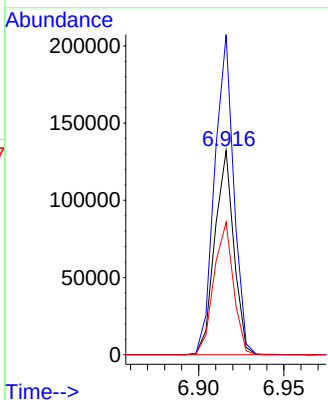
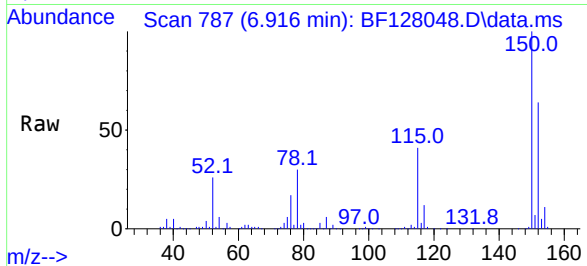




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

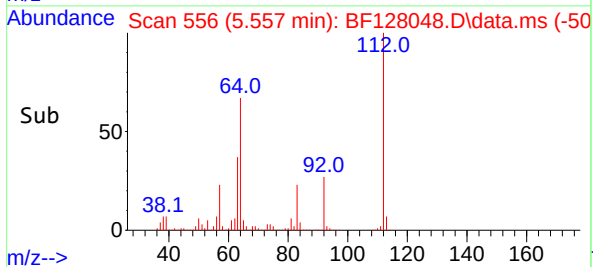
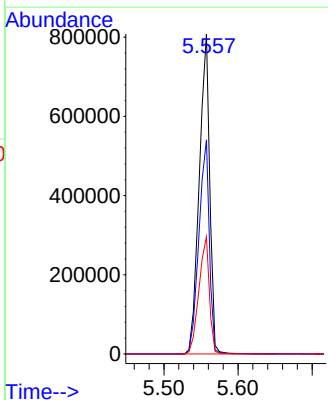
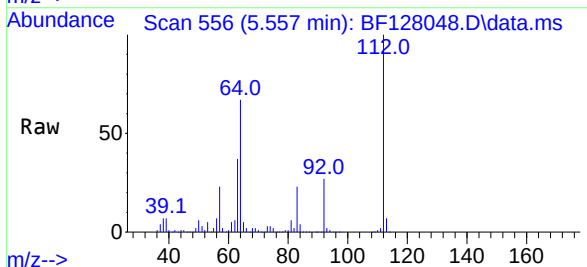
Instrument :
BNA_F
ClientSampleId :
TP-25

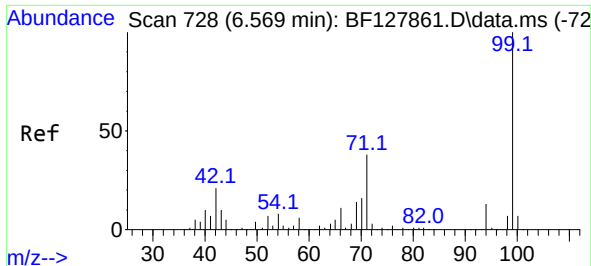
Tgt Ion:152 Resp: 102744
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 64.9 48.8 73.2



#5
2-Fluorophenol
Concen: 123.379 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.018 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

Tgt Ion:112 Resp: 795866
Ion Ratio Lower Upper
112 100
64 66.9 49.5 74.3
63 36.6 26.3 39.5

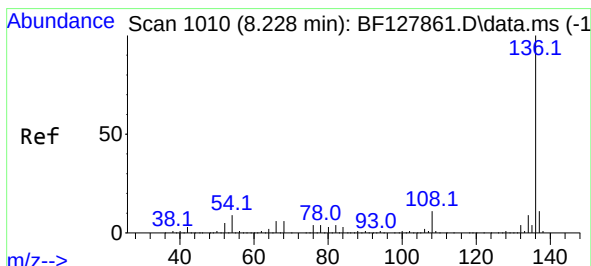
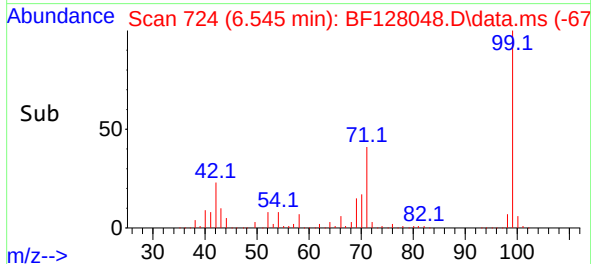
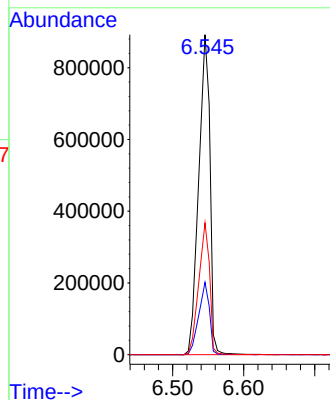
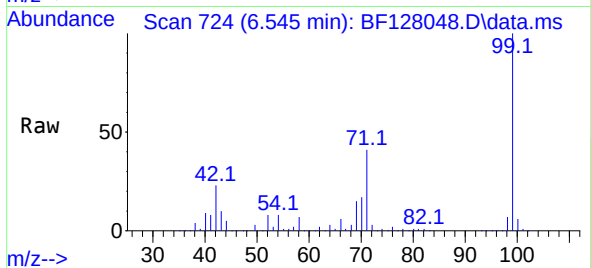




#7
Phenol-d6
Concen: 117.533 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

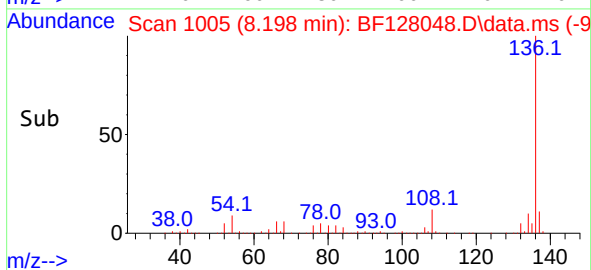
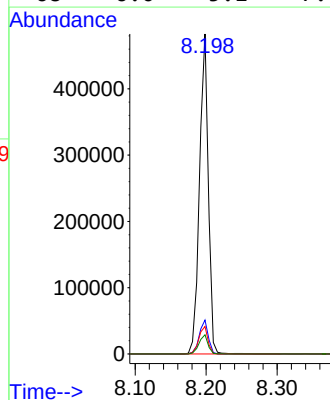
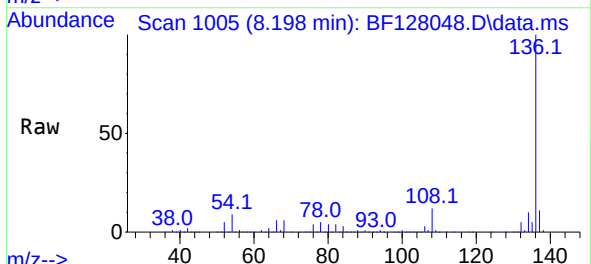
Instrument :
BNA_F
ClientSampleId :
TP-25

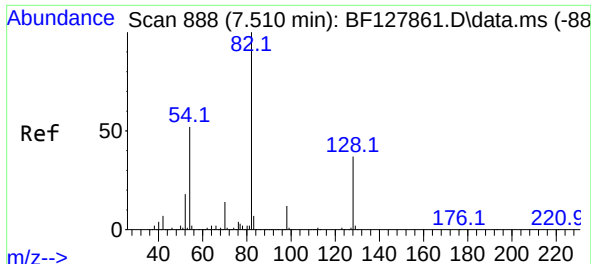
Tgt Ion: 99 Resp: 983764
Ion Ratio Lower Upper
99 100
42 22.6 16.6 24.8
71 41.2 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

Tgt Ion: 136 Resp: 418049
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.6 6.8 10.2
68 6.0 5.1 7.7

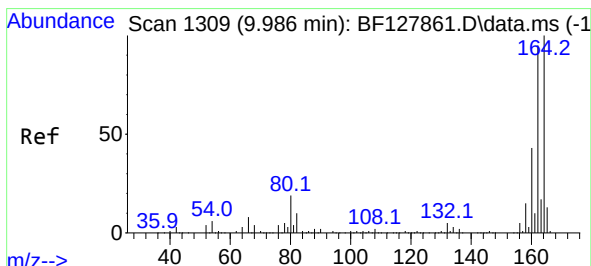
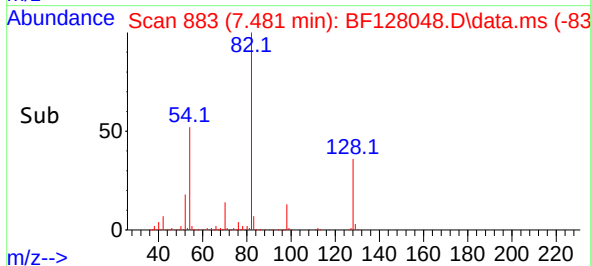
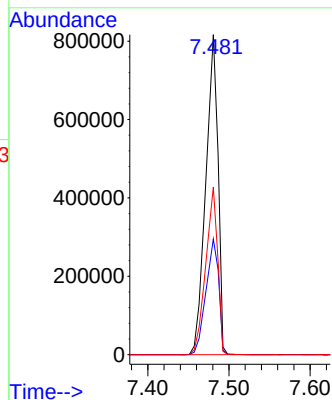
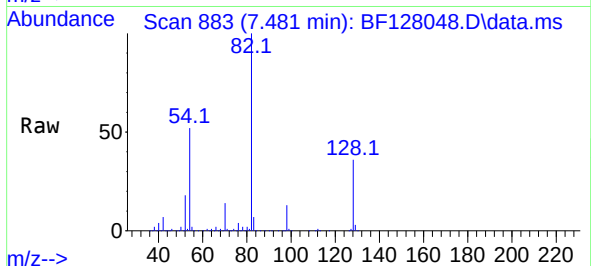




#23
Nitrobenzene-d5
Concen: 96.021 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

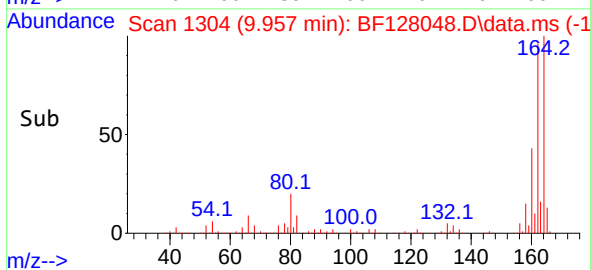
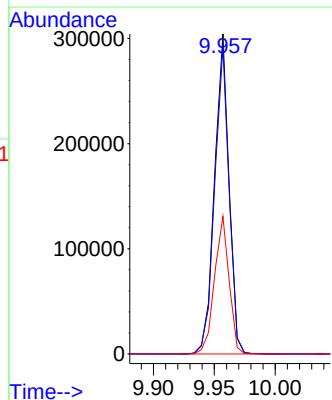
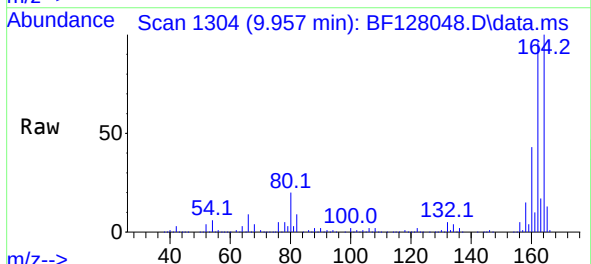
Instrument :
BNA_F
ClientSampleId :
TP-25

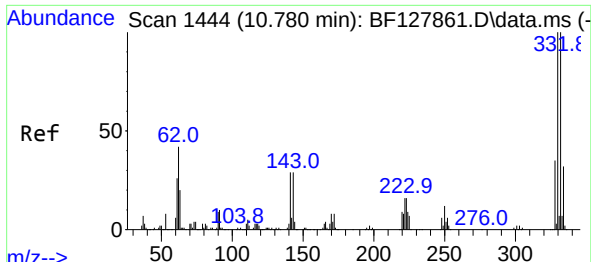
Tgt Ion: 82 Resp: 853635
Ion Ratio Lower Upper
82 100
128 36.2 30.0 45.0
54 52.4 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

Tgt Ion: 164 Resp: 251816
Ion Ratio Lower Upper
164 100
162 96.0 76.0 114.0
160 43.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 148.022 ng

RT: 10.757 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF128048.D

Acq: 03 May 2022 16:20

Instrument :

BNA_F

ClientSampleId :

TP-25

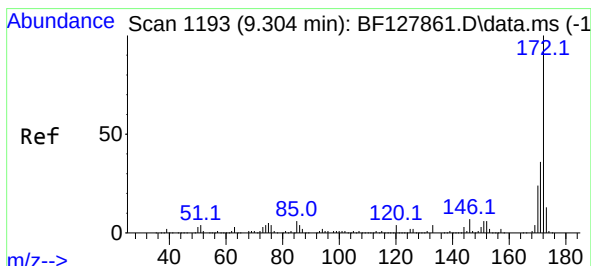
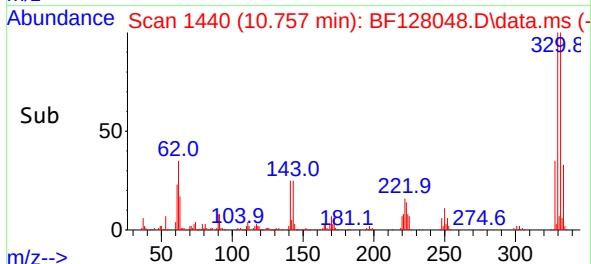
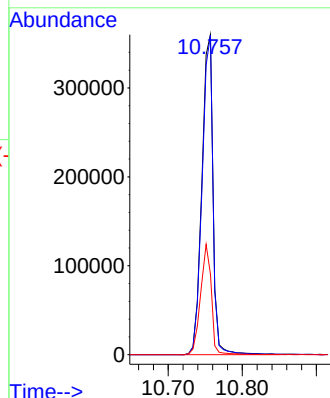
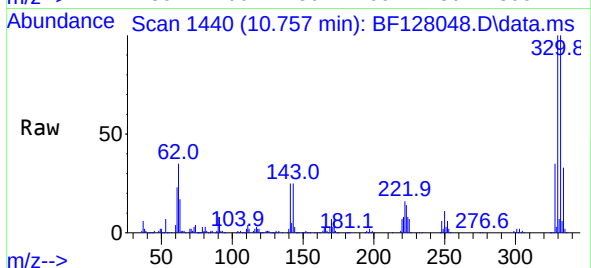
Tgt Ion:330 Resp: 375228

Ion Ratio Lower Upper

330 100

332 97.2 79.0 118.4

141 33.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 95.392 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128048.D

Acq: 03 May 2022 16:20

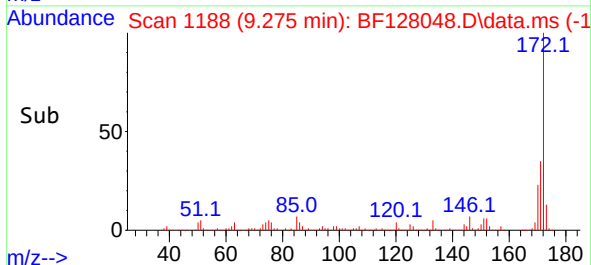
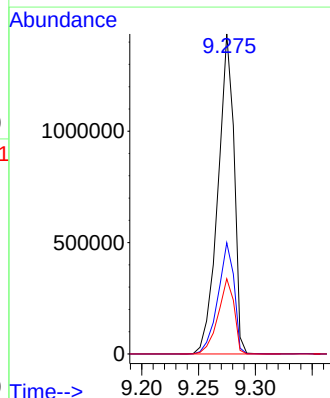
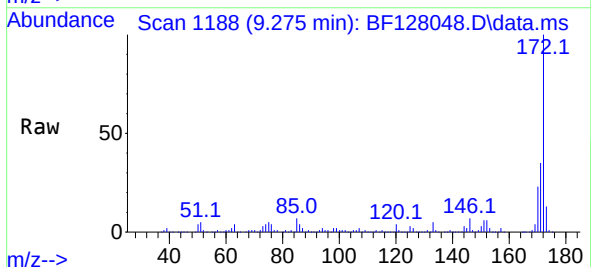
Tgt Ion:172 Resp: 1419911

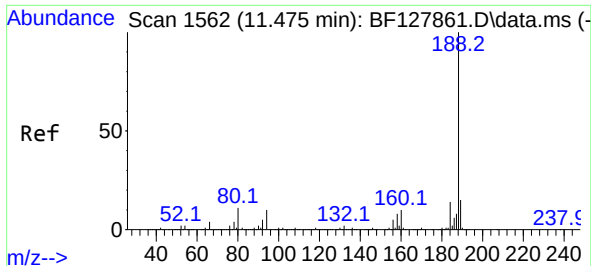
Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.5 19.1 28.7

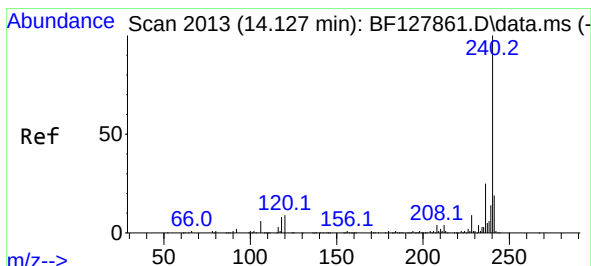
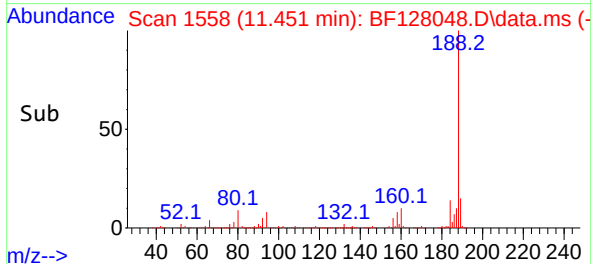
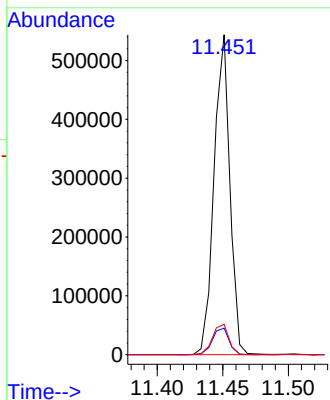
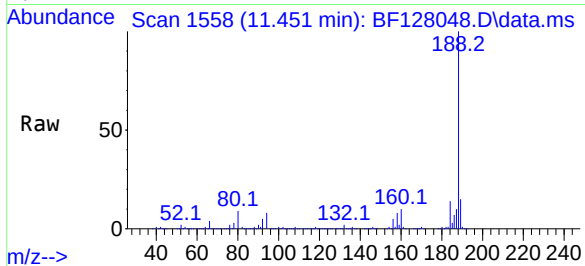




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

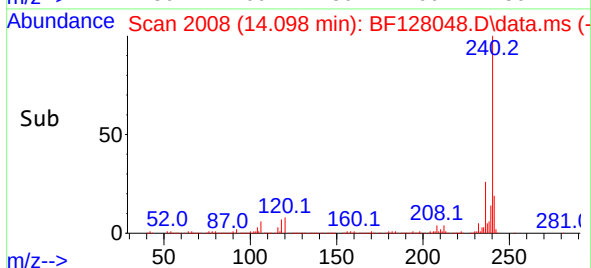
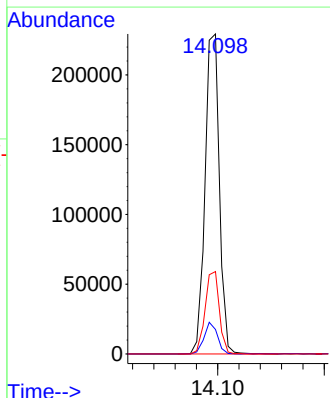
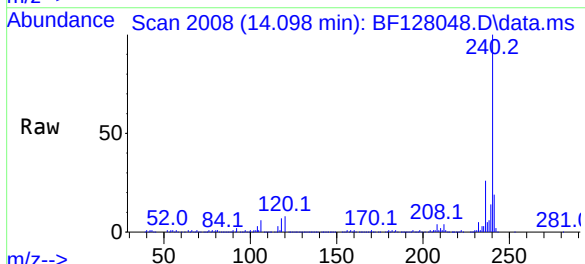
Instrument :
BNA_F
ClientSampleId :
TP-25

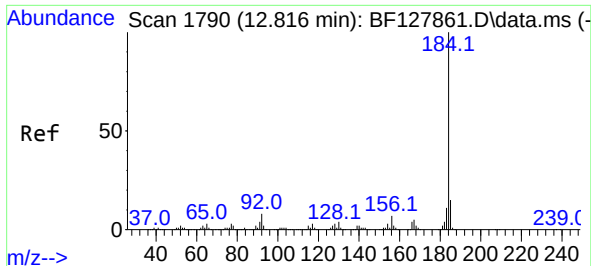
Tgt Ion:188 Resp: 454880
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

Tgt Ion:240 Resp: 214791
Ion Ratio Lower Upper
240 100
120 7.6 7.0 10.6
236 25.8 20.3 30.5

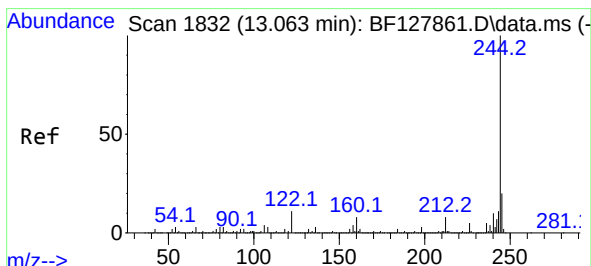
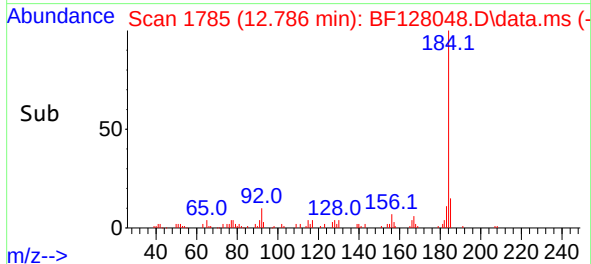
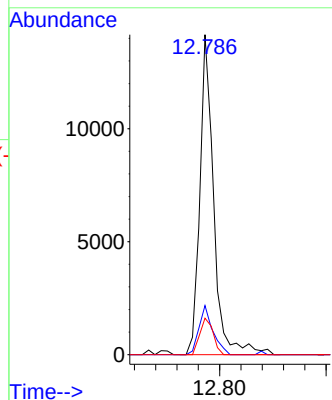
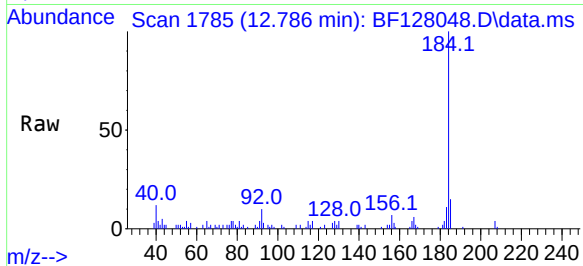




#77
Benzidine
Concen: 3.149 ng
RT: 12.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

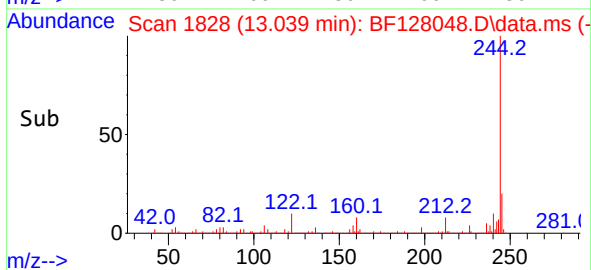
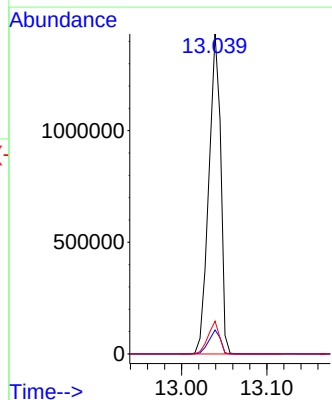
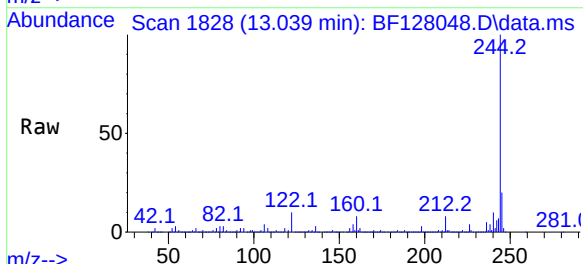
Instrument :
BNA_F
ClientSampleId :
TP-25

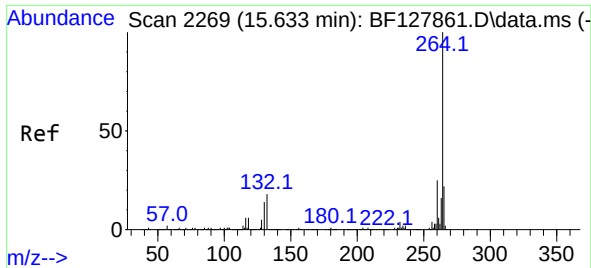
Tgt Ion:184 Resp: 12799
Ion Ratio Lower Upper
184 100
185 15.4 12.1 18.1
183 11.4 9.0 13.4



#79
Terphenyl-d14
Concen: 118.061 ng
RT: 13.039 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

Tgt Ion:244 Resp: 1386802
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 10.2 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

Instrument :
BNA_F
ClientSampleId :
TP-25

Tgt Ion:264 Resp: 224148

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	21.6	17.5	26.3

