

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133524.D
 Acq On : 30 May 2023 16:17
 Operator : CG\JU
 Sample : 02957-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-0A

Quant Time: May 30 17:05:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

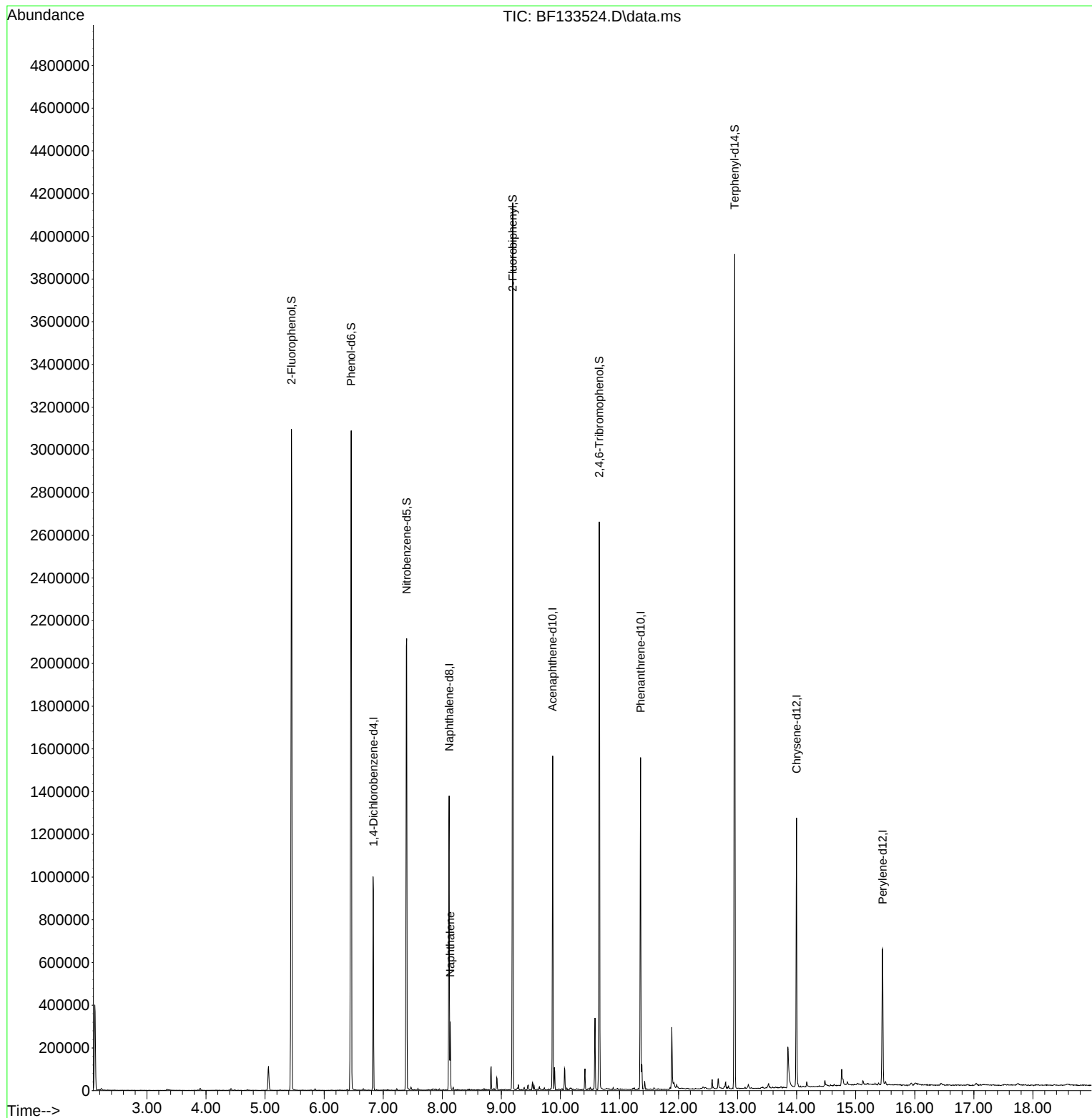
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	144677	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	554644	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	269362	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	531859	20.000	ng	0.00
76) Chrysene-d12	13.998	240	384340	20.000	ng	0.00
86) Perylene-d12	15.457	264	288471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	912474	105.229	ng	0.00
7) Phenol-d6	6.457	99	1121298	105.045	ng	0.00
23) Nitrobenzene-d5	7.398	82	689992	83.062	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	319286	118.913	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1227278	70.323	ng	0.00
79) Terphenyl-d14	12.951	244	1427622	66.043	ng	0.00
Target Compounds						
31) Naphthalene	8.134	128	109371	4.067	ng	Qvalue 99

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

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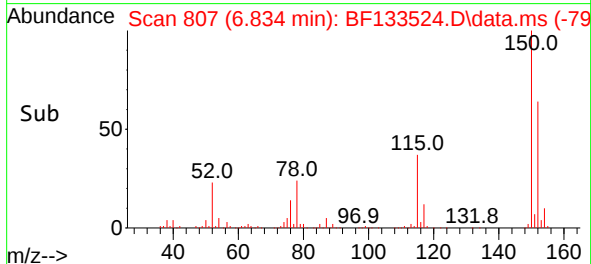
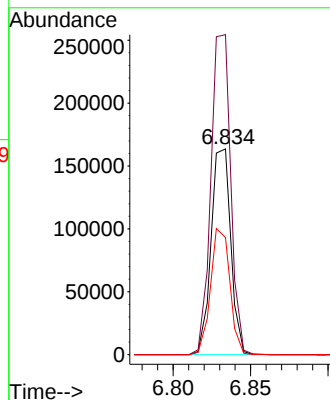
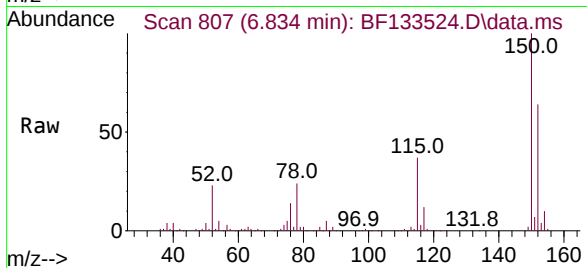




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133524.D
Acq: 30 May 2023 16:17

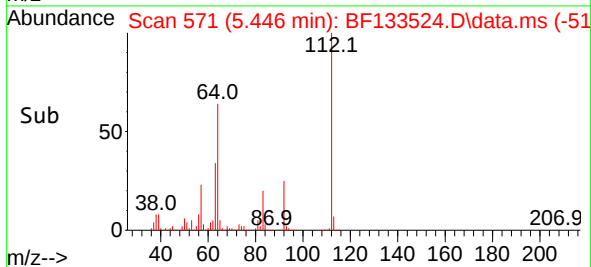
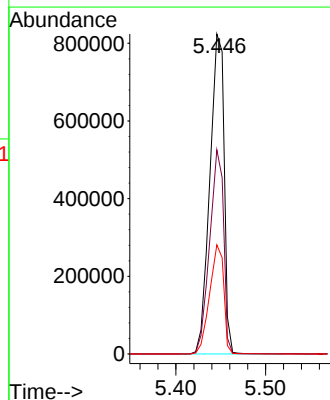
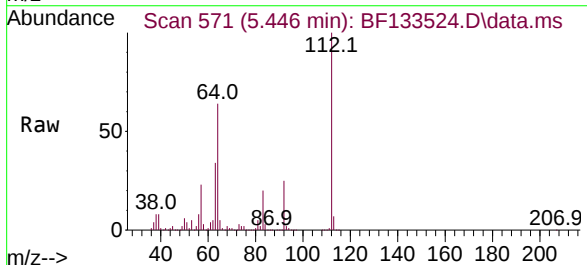
Instrument :
BNA_F
ClientSampleId :
TP-9-0A

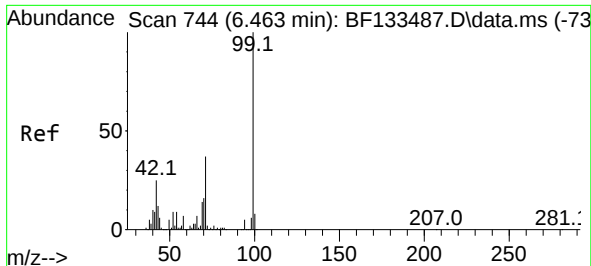
Tgt Ion:152 Resp: 144677
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 56.9 48.1 72.1



#5
2-Fluorophenol
Concen: 105.229 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF133524.D
Acq: 30 May 2023 16:17

Tgt Ion:112 Resp: 912474
Ion Ratio Lower Upper
112 100
64 63.8 50.1 75.1
63 34.1 27.5 41.3

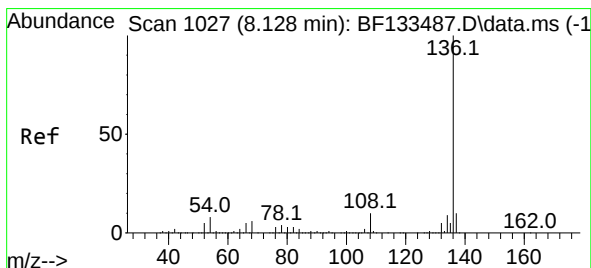
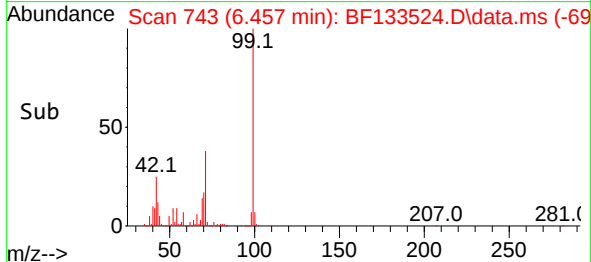
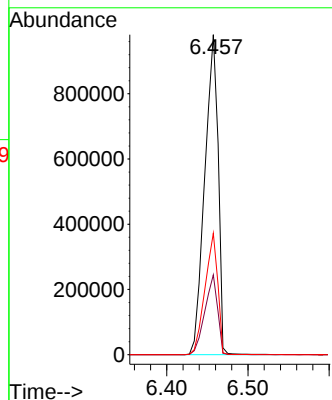
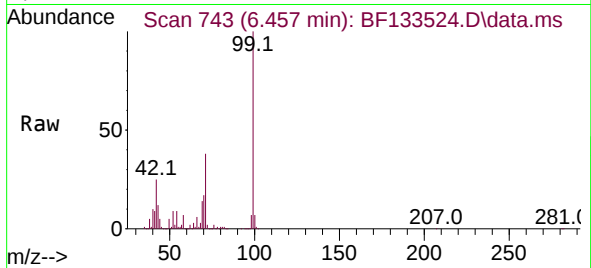




#7
Phenol-d6
Concen: 105.045 ng
RT: 6.457 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133524.D
Acq: 30 May 2023 16:17

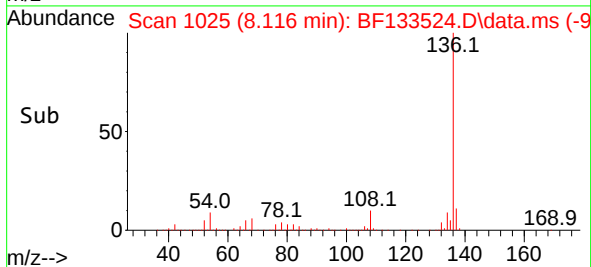
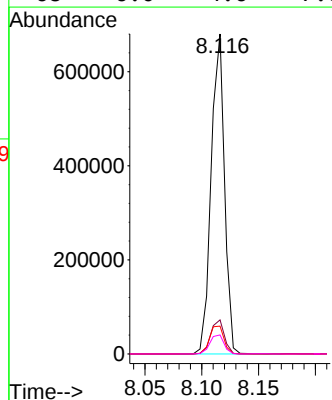
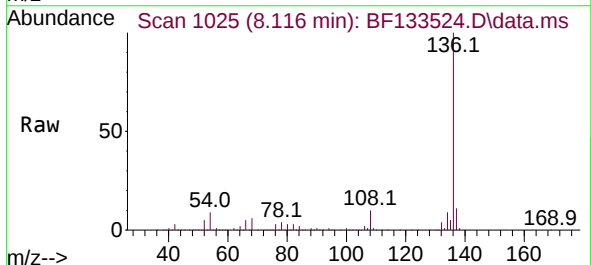
Instrument :
BNA_F
ClientSampleId :
TP-9-0A

Tgt Ion: 99 Resp: 1121298
Ion Ratio Lower Upper
99 100
42 24.9 19.7 29.5
71 38.0 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133524.D
Acq: 30 May 2023 16:17

Tgt Ion: 136 Resp: 554644
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 8.7 6.6 10.0
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 83.062 ng

RT: 7.398 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133524.D

Acq: 30 May 2023 16:17

Instrument :

BNA_F

ClientSampleId :

TP-9-0A

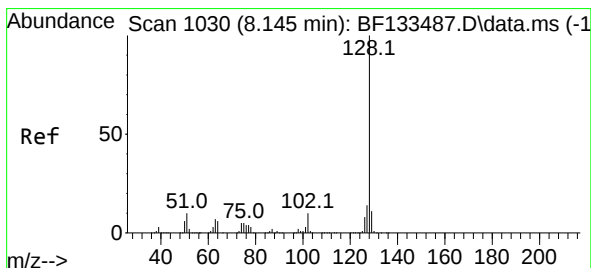
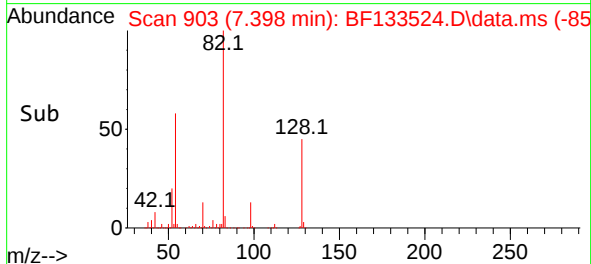
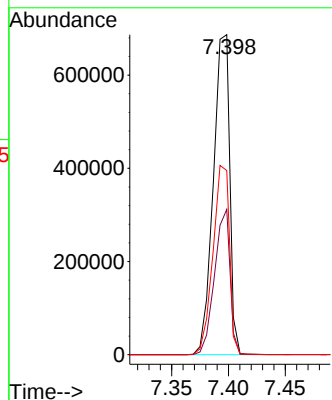
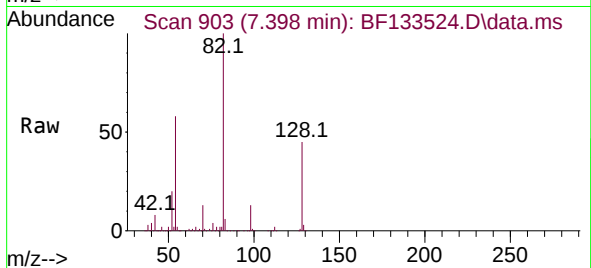
Tgt Ion: 82 Resp: 689992

Ion Ratio Lower Upper

82 100

128 45.4 34.2 51.4

54 57.6 48.2 72.4



#31

Naphthalene

Concen: 4.067 ng

RT: 8.134 min Scan# 1028

Delta R.T. -0.006 min

Lab File: BF133524.D

Acq: 30 May 2023 16:17

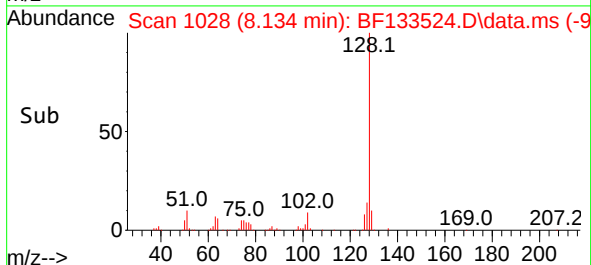
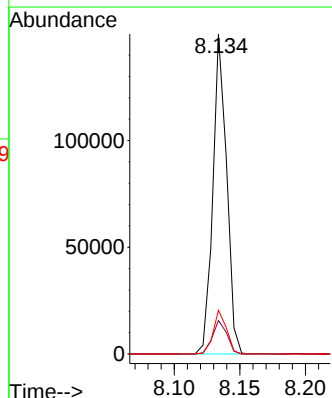
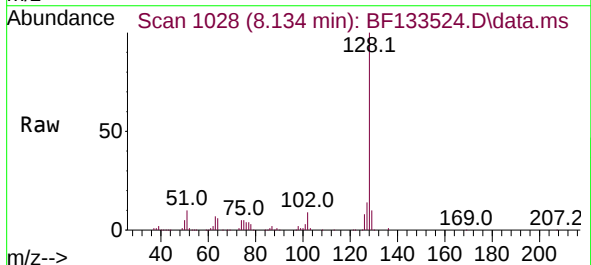
Tgt Ion: 128 Resp: 109371

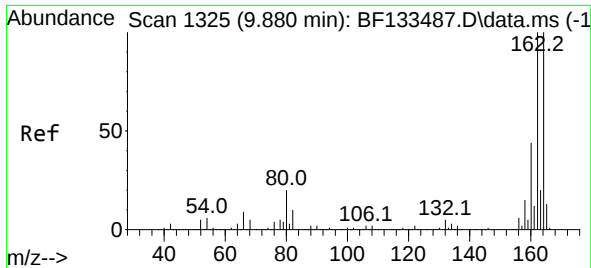
Ion Ratio Lower Upper

128 100

129 10.4 9.2 13.8

127 13.7 10.9 16.3

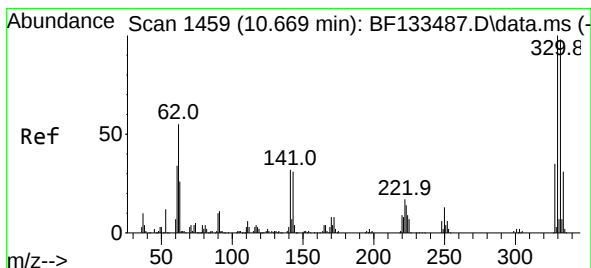
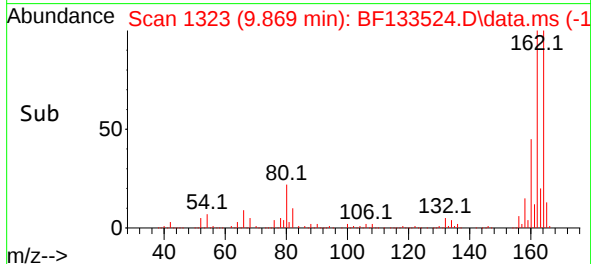
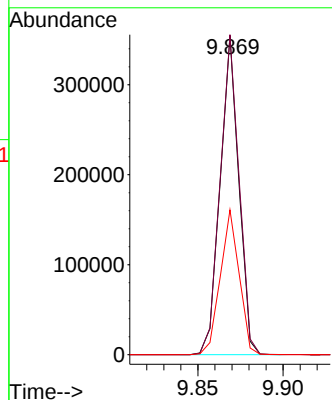
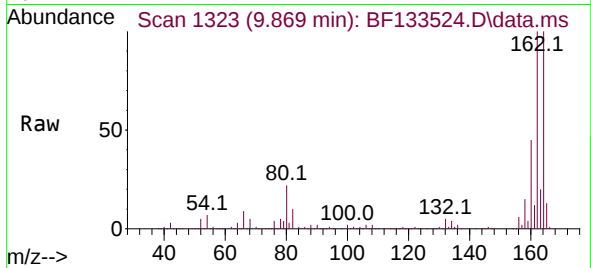




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133524.D
Acq: 30 May 2023 16:17

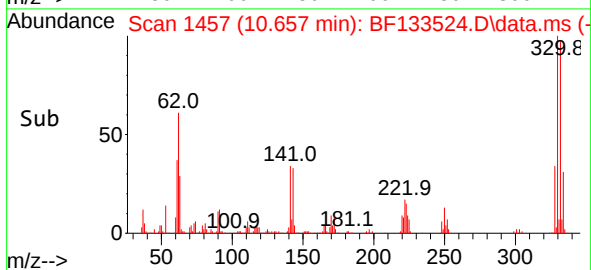
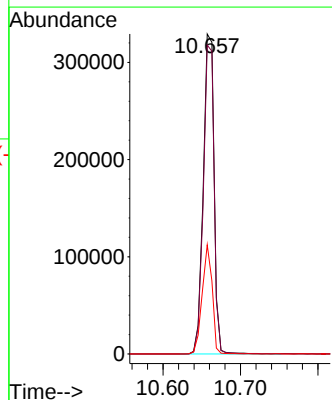
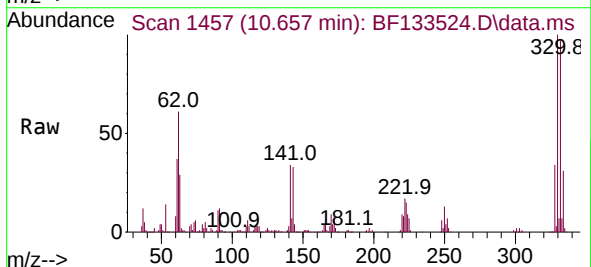
Instrument :
BNA_F
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TP-9-0A

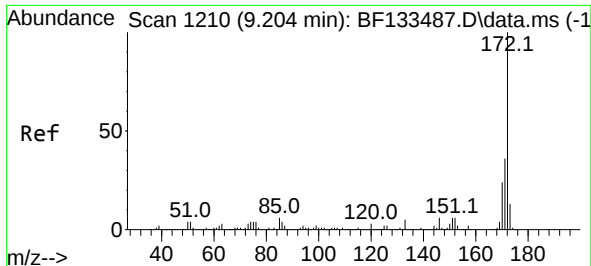
Tgt Ion:164 Resp: 269362
Ion Ratio Lower Upper
164 100
162 100.3 79.7 119.5
160 45.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 118.913 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133524.D
Acq: 30 May 2023 16:17

Tgt Ion:330 Resp: 319286
Ion Ratio Lower Upper
330 100
332 95.7 77.8 116.6
141 31.7 26.6 40.0





#45

2-Fluorobiphenyl

Concen: 70.323 ng

RT: 9.192 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133524.D

Acq: 30 May 2023 16:17

Instrument :

BNA_F

ClientSampleId :

TP-9-0A

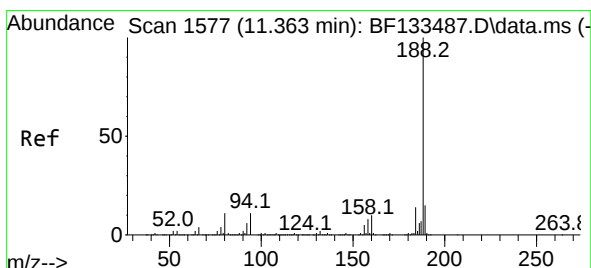
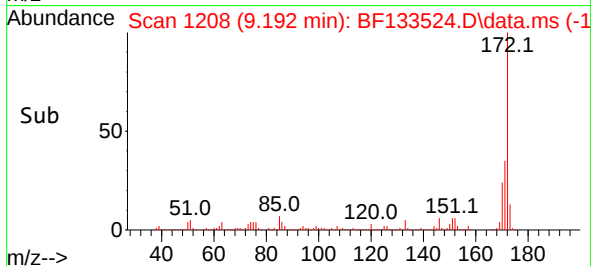
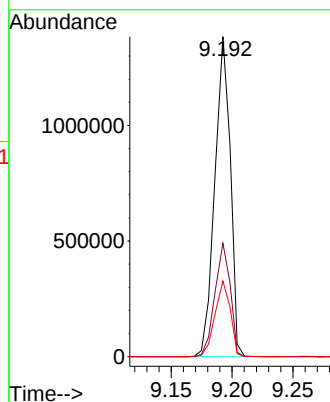
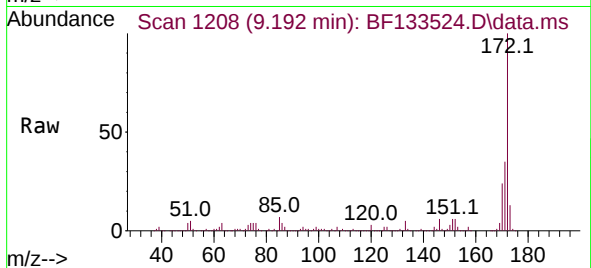
Tgt Ion:172 Resp: 1227278

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.6 19.3 28.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF133524.D

Acq: 30 May 2023 16:17

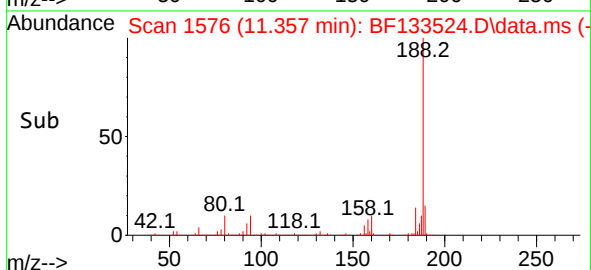
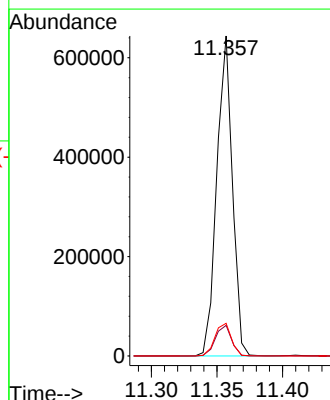
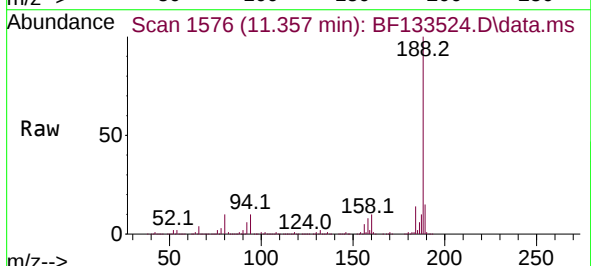
Tgt Ion:188 Resp: 531859

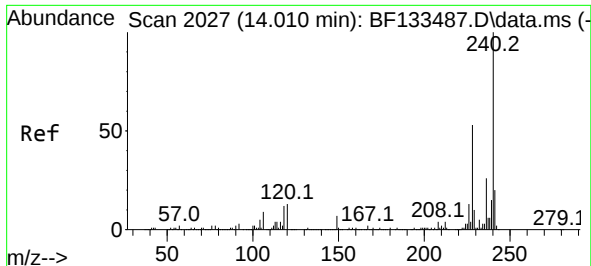
Ion Ratio Lower Upper

188 100

94 9.6 8.6 12.8

80 10.2 9.2 13.8

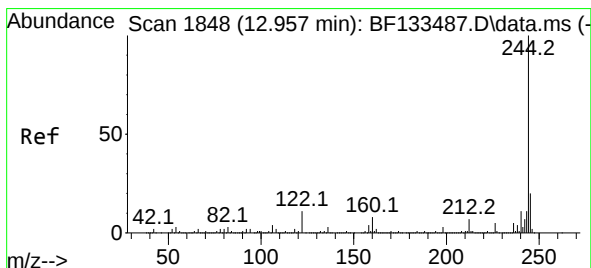
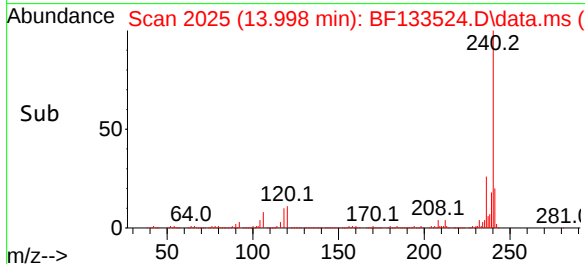
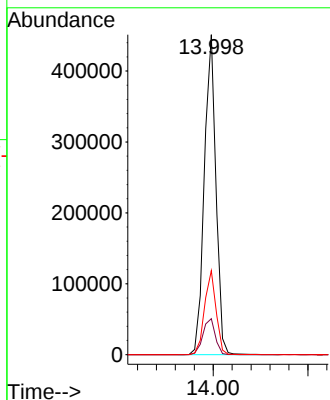
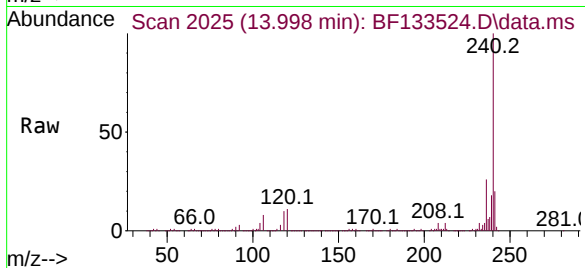




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133524.D
Acq: 30 May 2023 16:17

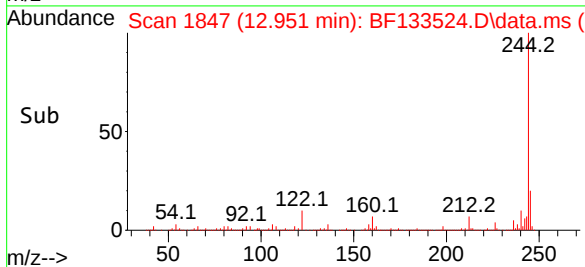
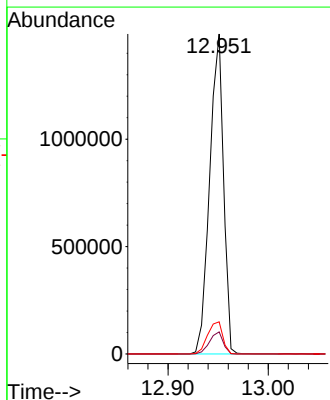
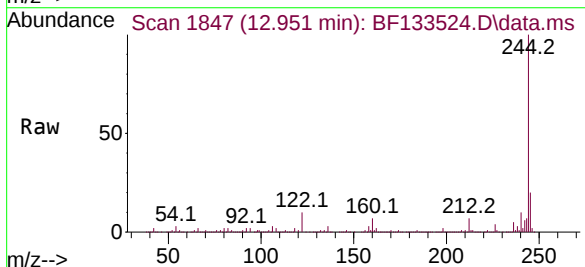
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TP-9-0A

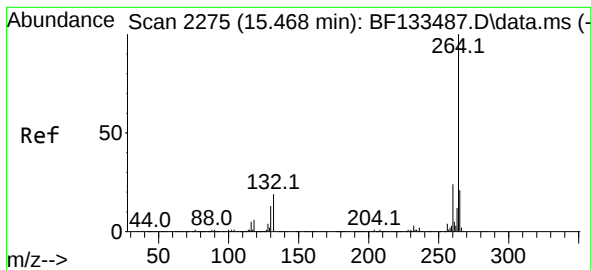
Tgt Ion:240 Resp: 384340
Ion Ratio Lower Upper
240 100
120 11.2 10.3 15.5
236 26.2 20.5 30.7



#79
Terphenyl-d14
Concen: 66.043 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF133524.D
Acq: 30 May 2023 16:17

Tgt Ion:244 Resp: 1427622
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 10.1 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133524.D

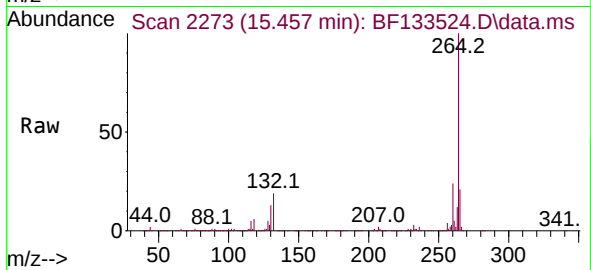
Acq: 30 May 2023 16:17

Instrument :

BNA_F

ClientSampleId :

TP-9-0A



Tgt Ion:264 Resp: 288471

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.4 16.8 25.2

