

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144018.D
 Acq On : 21 Oct 2025 18:01
 Operator : RC/JU
 Sample : Q3375-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 21 18:24:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

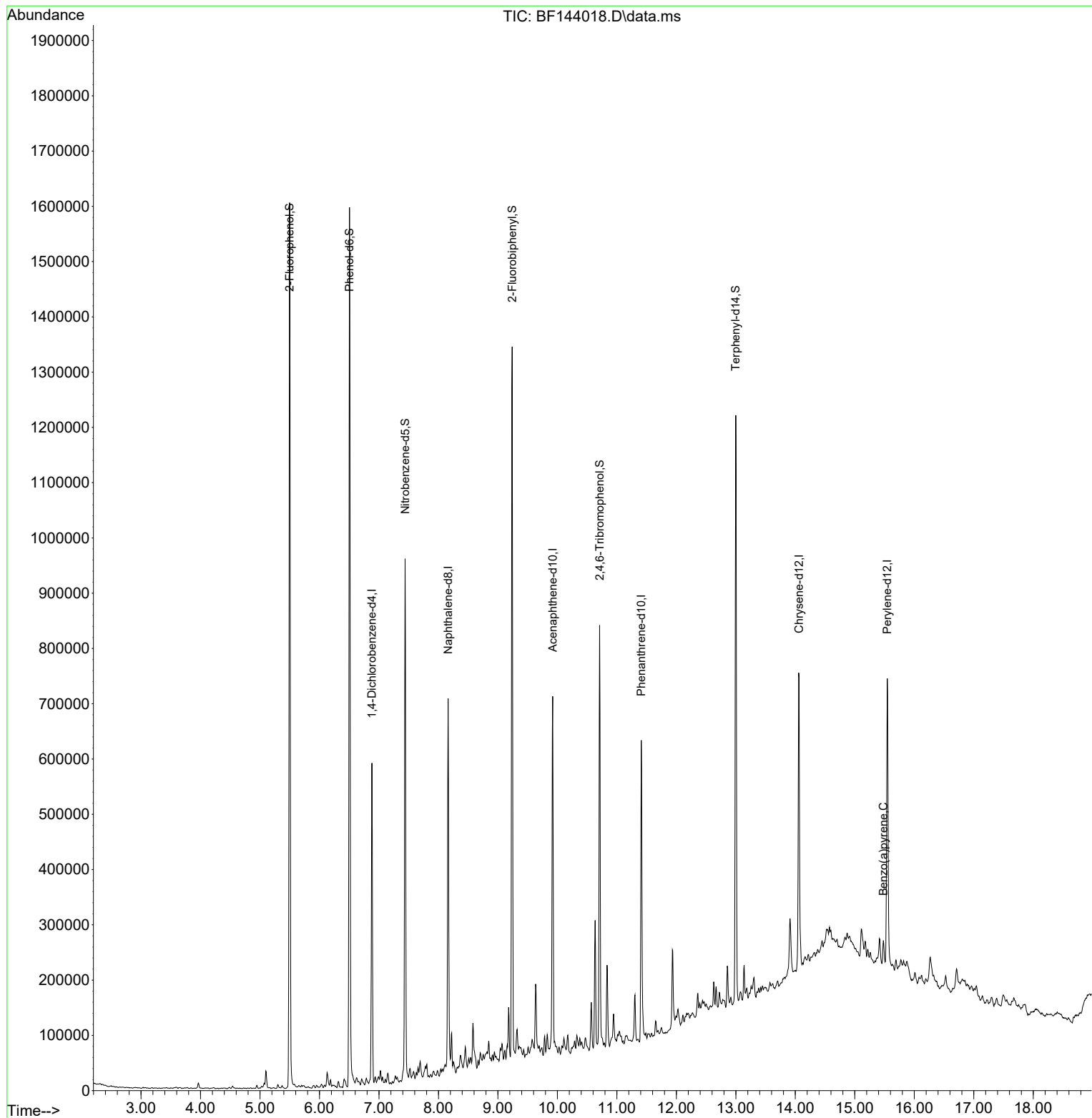
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114769	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	412633	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	190672	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	289518	20.00	ng	0.00
76) Chrysene-d12	14.063	240	267469	20.00	ng	0.00
86) Perylene-d12	15.545	264	332355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	611499	84.61	ng	0.00
7) Phenol-d6	6.504	99	708851	82.28	ng	-0.01
23) Nitrobenzene-d5	7.440	82	390907	57.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	137810	72.56	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	609475	50.72	ng	-0.01
79) Terphenyl-d14	12.998	244	553454	35.36	ng	-0.01
Target Compounds						
90) Benzo(a)pyrene	15.480	252	34714	2.10	ng	Qvalue # 85

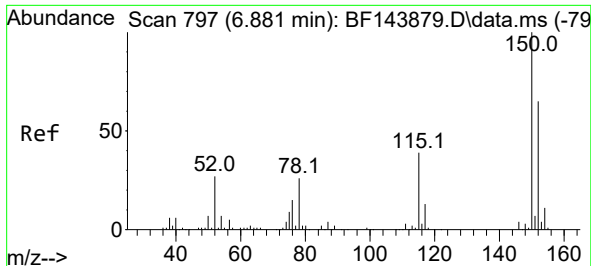
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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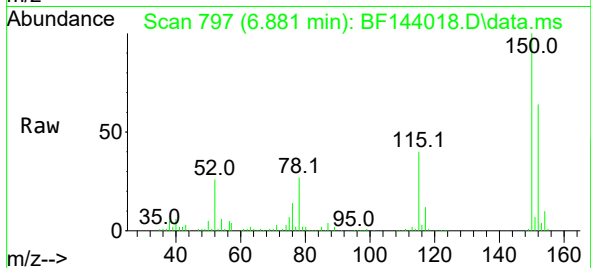
Quant Time: Oct 21 18:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
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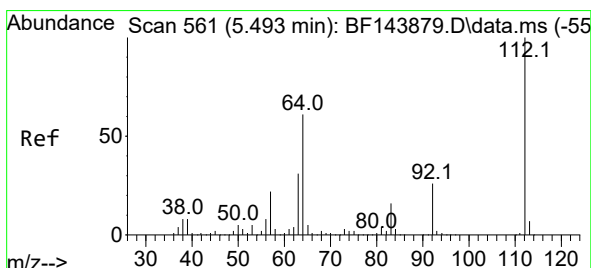
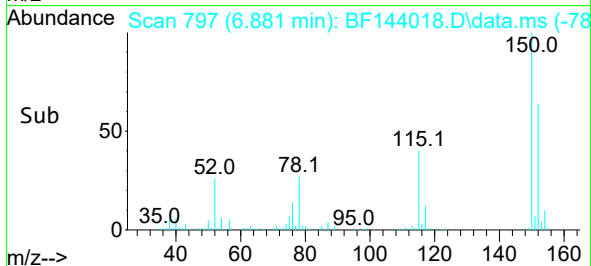
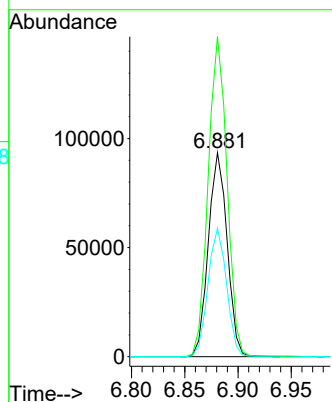


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.005 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Instrument :
BNA_F
ClientSampleId :

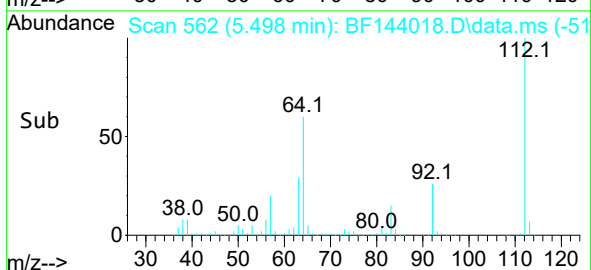
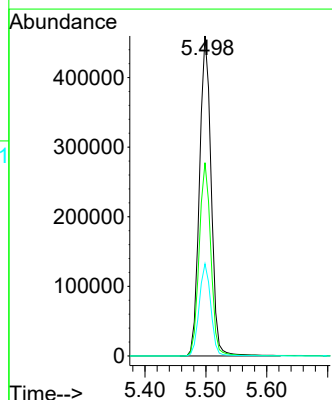
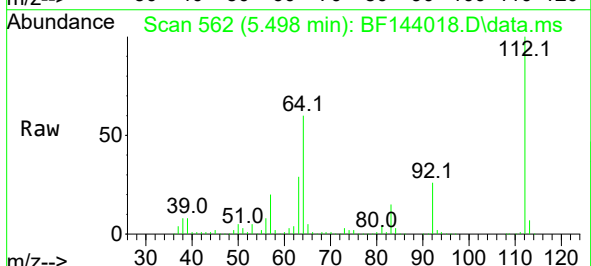


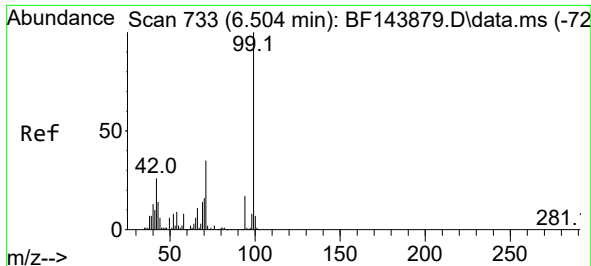
Tgt Ion:152 Resp: 114769
Ion Ratio Lower Upper
152 100
150 156.9 124.4 186.6
115 62.9 48.1 72.1



#5
2-Fluorophenol
Concen: 84.61 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

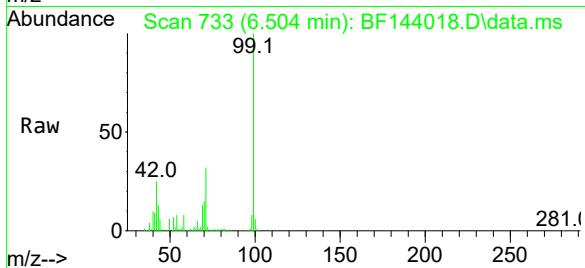
Tgt Ion:112 Resp: 611499
Ion Ratio Lower Upper
112 100
64 60.4 49.1 73.7
63 28.8 24.5 36.7



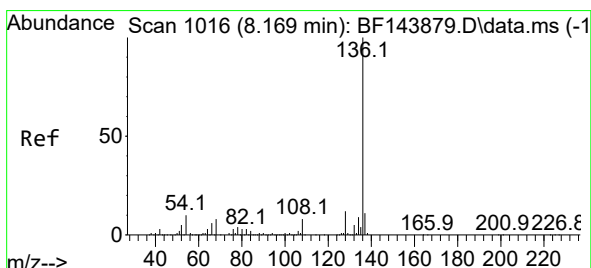
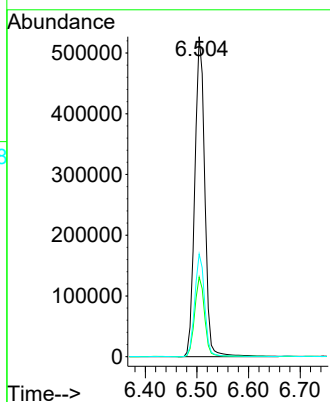
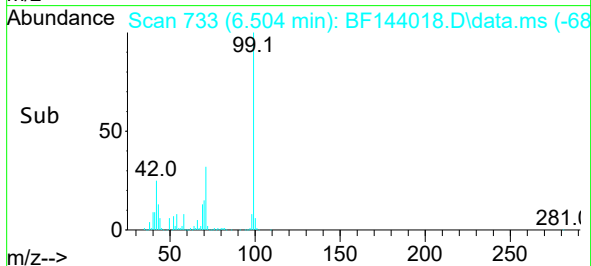


#7
Phenol-d6
Concen: 82.28 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

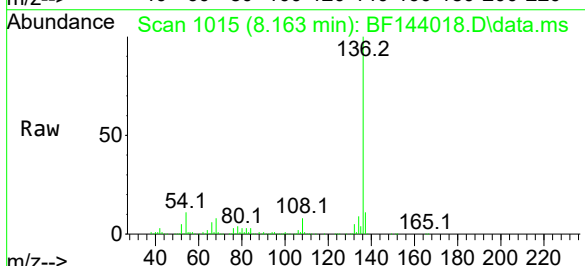
Instrument :
BNA_F
ClientSampleId :



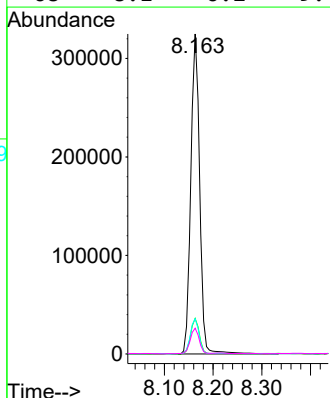
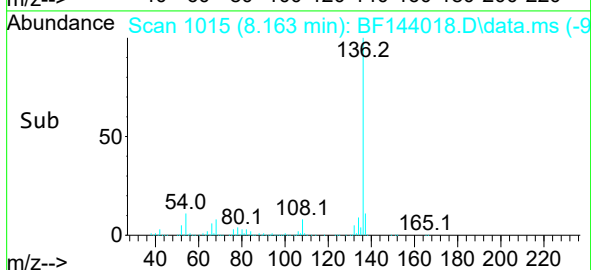
Tgt Ion: 99 Resp: 708851
Ion Ratio Lower Upper
99 100
42 24.9 21.0 31.4
71 32.1 27.8 41.8

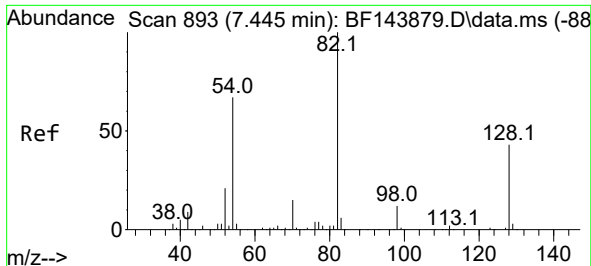


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01



Tgt Ion: 136 Resp: 412633
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 11.0 8.2 12.4
68 8.1 6.2 9.4

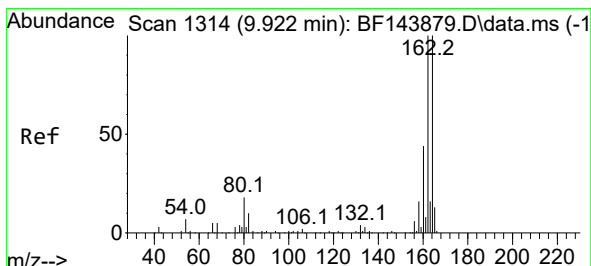
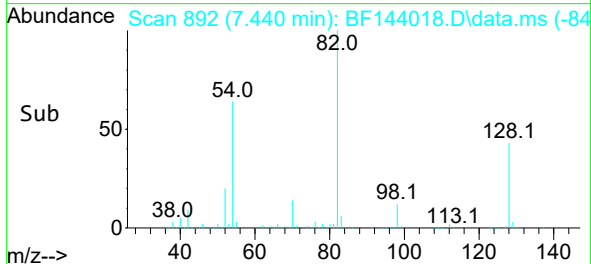
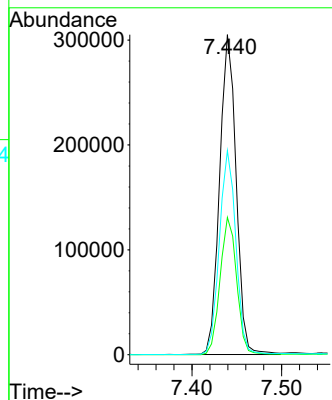
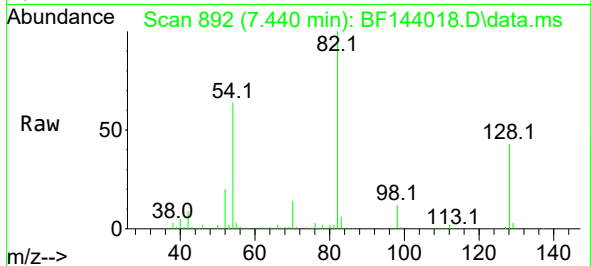




#23
Nitrobenzene-d5
Concen: 57.56 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

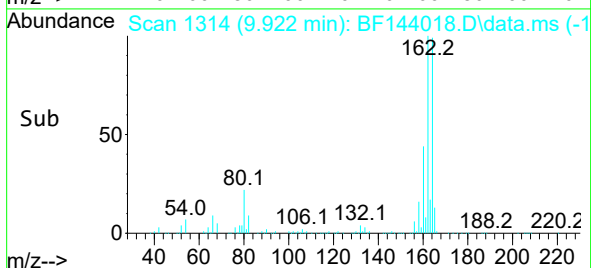
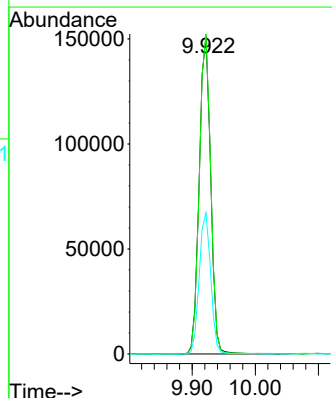
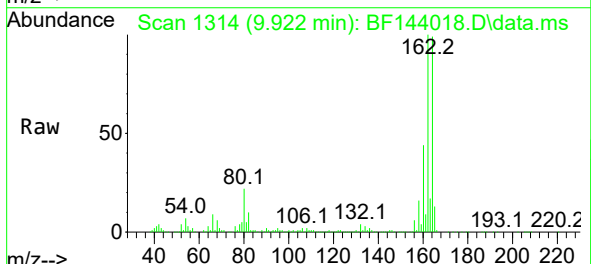
Instrument :
BNA_F
ClientSampleId :

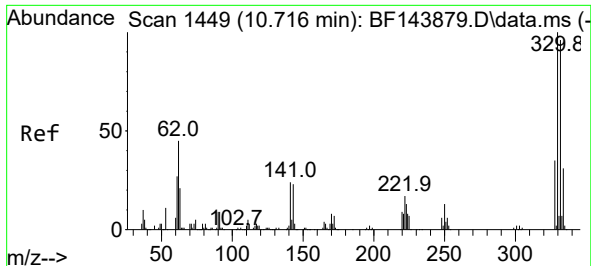
Tgt Ion: 82 Resp: 390907
Ion Ratio Lower Upper
82 100
128 42.9 34.0 51.0
54 63.8 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

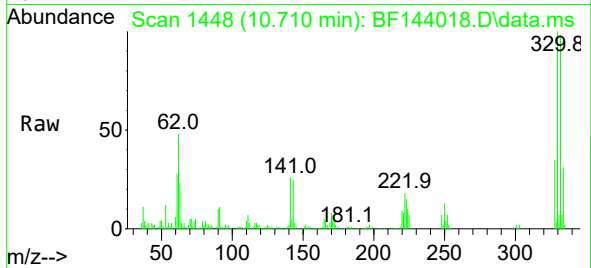
Tgt Ion:164 Resp: 190672
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 44.4 35.4 53.0



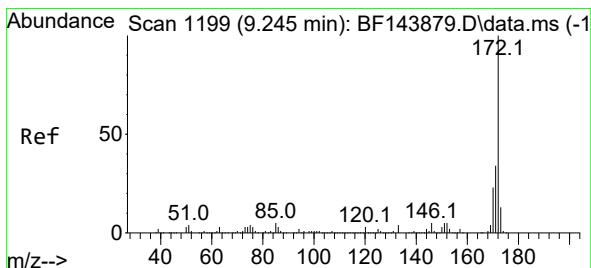
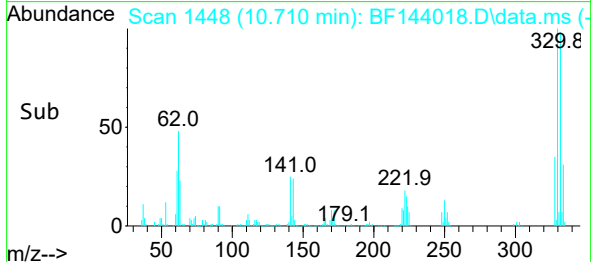
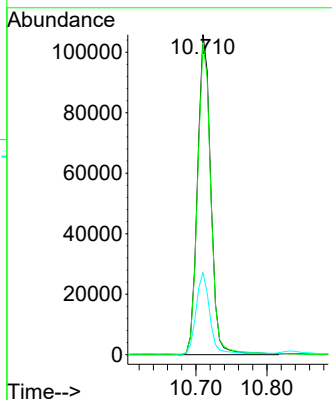


#42
2,4,6-Tribromophenol
Concen: 72.56 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Instrument :
BNA_F
ClientSampleId :

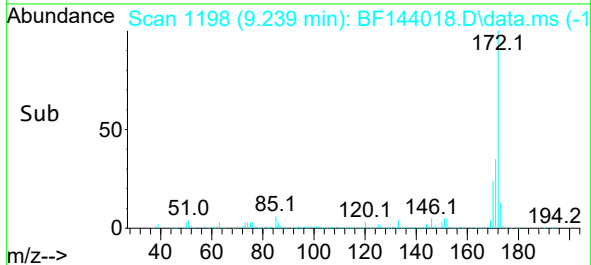
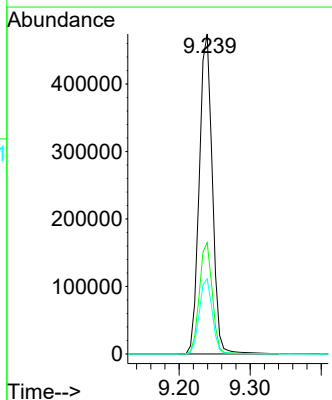
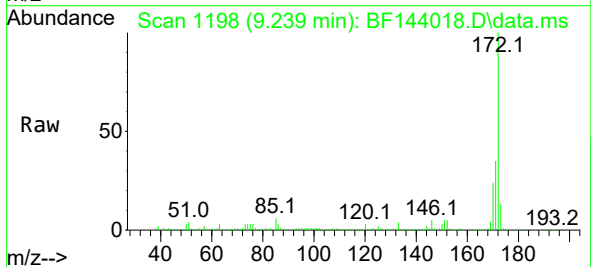


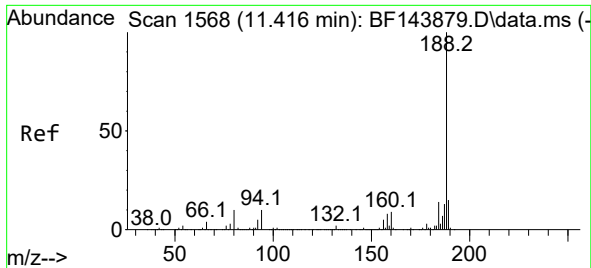
Tgt Ion: 330 Resp: 137810
Ion Ratio Lower Upper
330 100
332 98.4 76.9 115.3
141 26.3 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 50.72 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

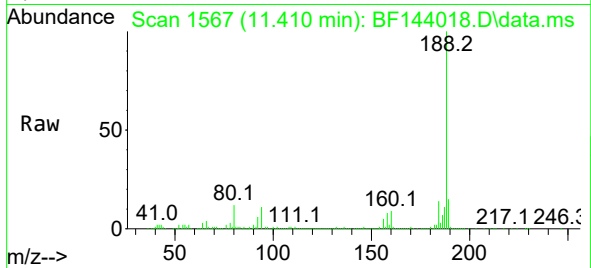
Tgt Ion: 172 Resp: 609475
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 23.5 18.6 28.0



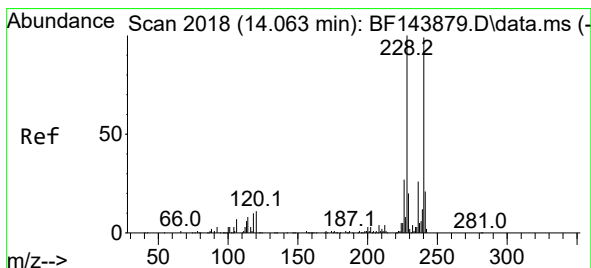
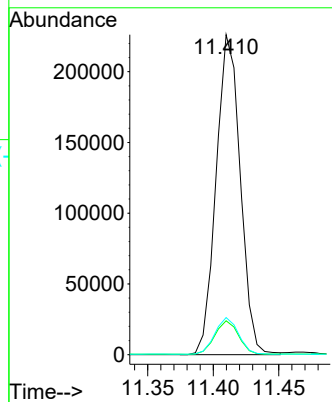
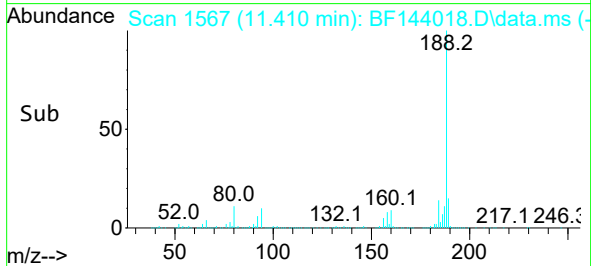


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

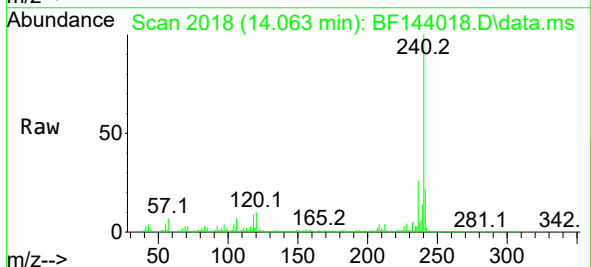
Instrument :
BNA_F
ClientSampleId :



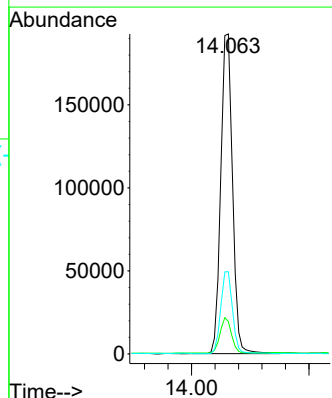
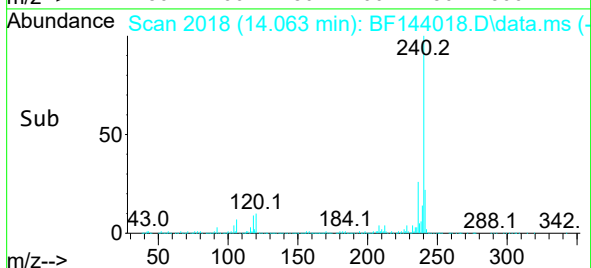
Tgt Ion:188 Resp: 289518
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.6 7.9 11.9

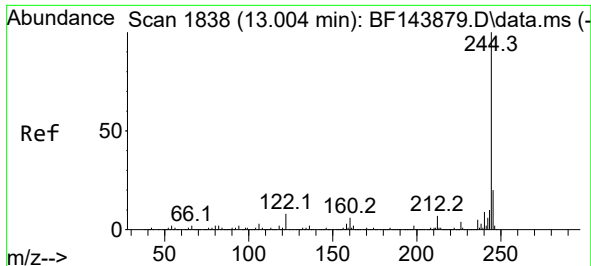


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01



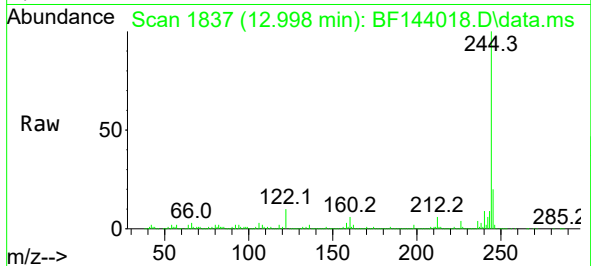
Tgt Ion:240 Resp: 267469
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 25.7 21.1 31.7



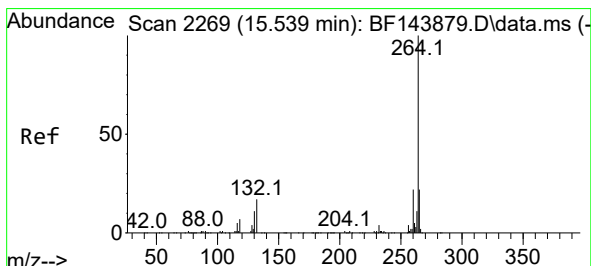
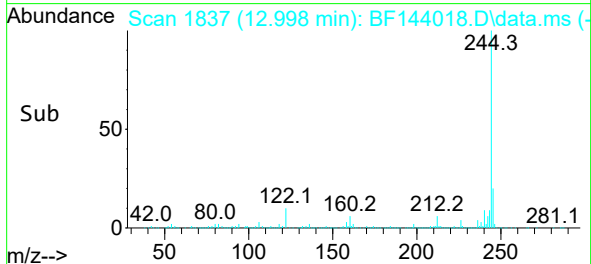
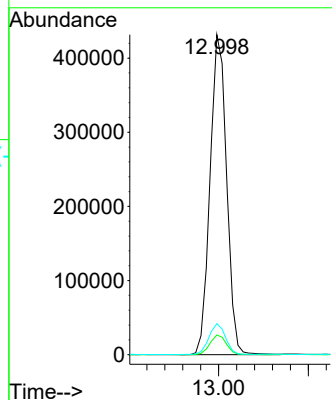


#79
 Terphenyl-d14
 Concen: 35.36 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF144018.D
 Acq: 21 Oct 2025 18:01

Instrument :
 BNA_F
 ClientSampleId :

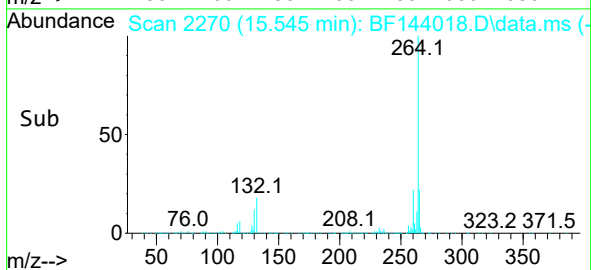
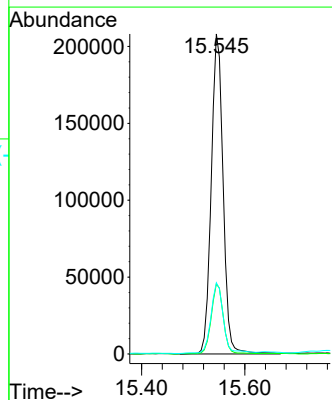
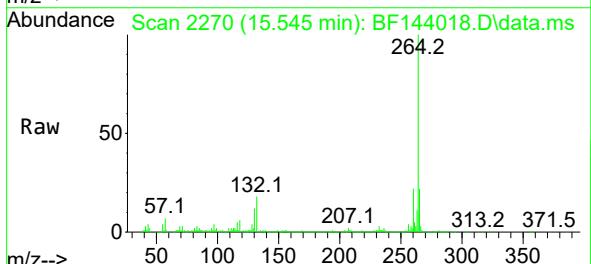


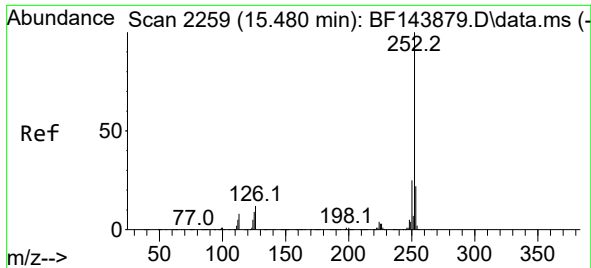
Tgt Ion:244 Resp: 553454
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 9.7 6.4 9.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF144018.D
 Acq: 21 Oct 2025 18:01

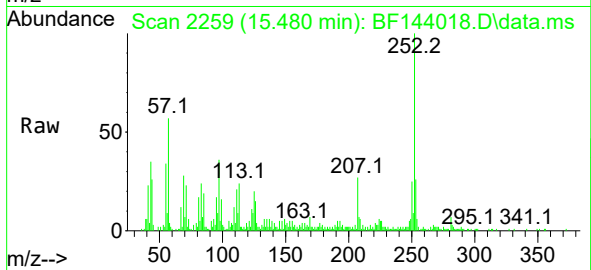
Tgt Ion:264 Resp: 332355
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.8 26.8
 265 22.2 17.5 26.3





#90
Benzo(a)pyrene
Concen: 2.10 ng
RT: 15.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:252 Resp: 34714
Ion Ratio Lower Upper
252 100
253 25.6 17.3 25.9
125 20.1 7.0 10.4#

