

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144040.D
 Acq On : 22 Oct 2025 14:22
 Operator : RC/JU
 Sample : Q3376-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-S12-047072-20251016

Quant Time: Oct 22 14:42:53 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	70898	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	250555	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	129776	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	213175	20.000	ng	0.00
76) Chrysene-d12	14.057	240	243369	20.000	ng	-0.01
86) Perylene-d12	15.545	264	287324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	155490	34.827	ng	0.00
7) Phenol-d6	6.504	99	176554	33.176	ng	-0.01
23) Nitrobenzene-d5	7.440	82	93175	22.593	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	56069	43.377	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	186509	22.804	ng	-0.02
79) Terphenyl-d14	12.998	244	342629	24.061	ng	-0.01

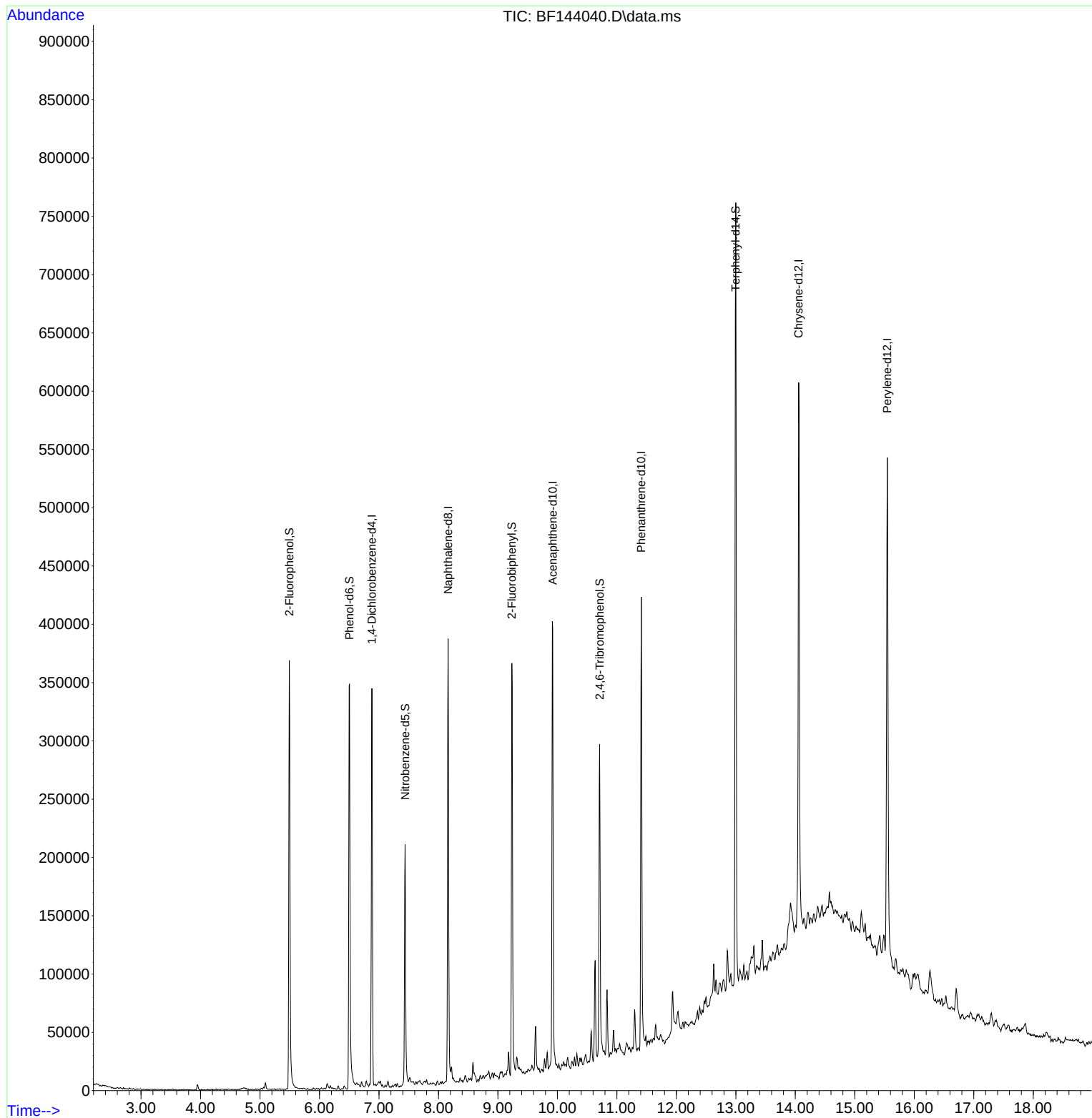
Target Compounds	Qvalue

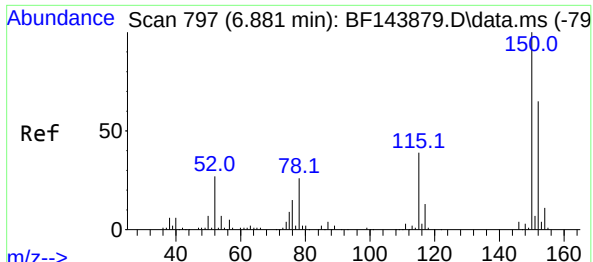
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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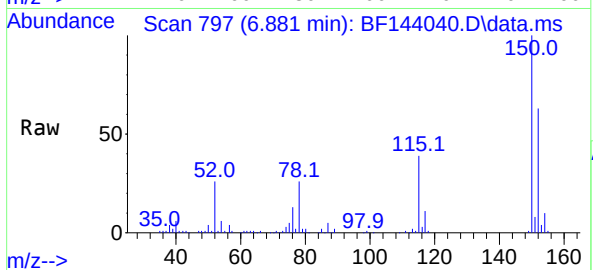
Quant Time: Oct 22 14:42:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



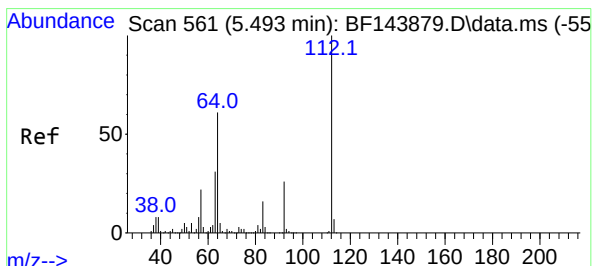
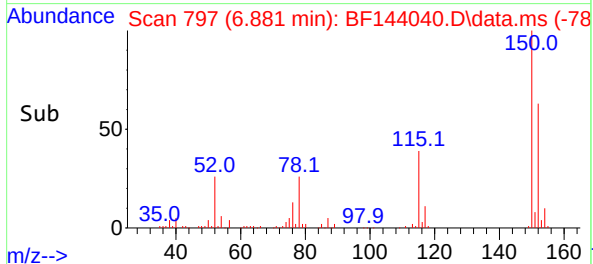
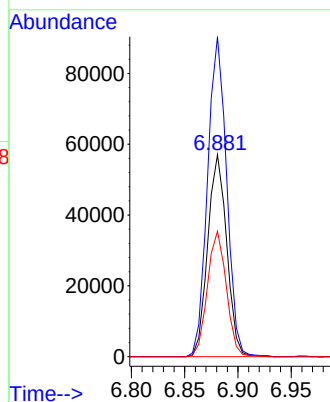


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.005 min
Lab File: BF144040.D
Acq: 22 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
PR132-S12-047072-20251016

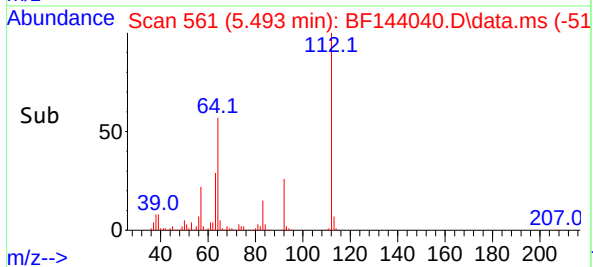
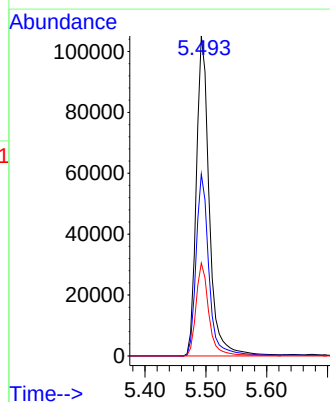
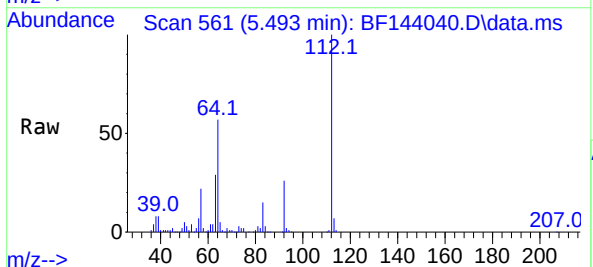


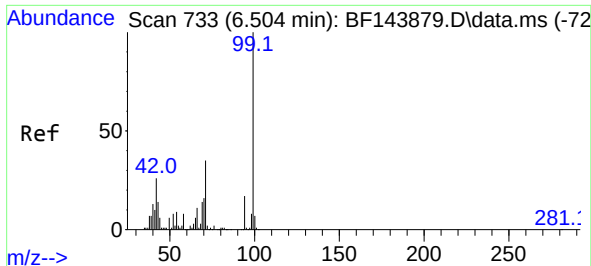
Tgt Ion:152 Resp: 70898
Ion Ratio Lower Upper
152 100
150 158.4 124.4 186.6
115 62.1 48.1 72.1



#5
2-Fluorophenol
Concen: 34.827 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF144040.D
Acq: 22 Oct 2025 14:22

Tgt Ion:112 Resp: 155490
Ion Ratio Lower Upper
112 100
64 56.8 49.1 73.7
63 29.0 24.5 36.7

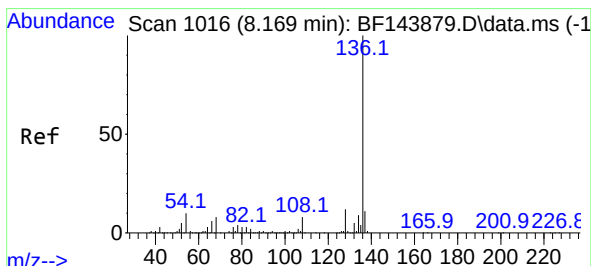
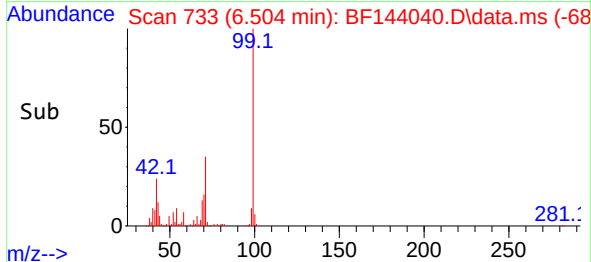
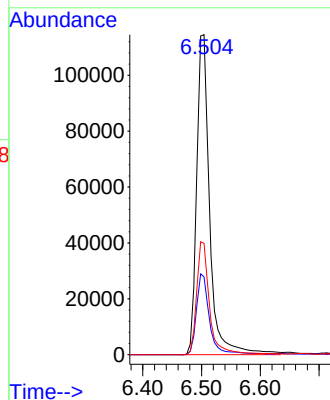
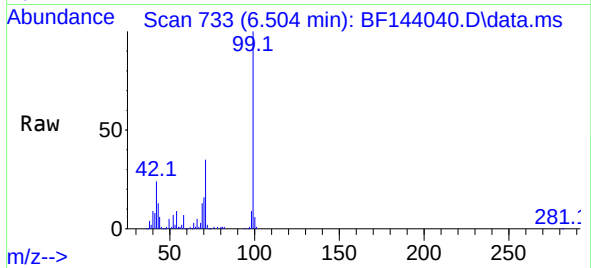




#7
Phenol-d6
Concen: 33.176 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144040.D
Acq: 22 Oct 2025 14:22

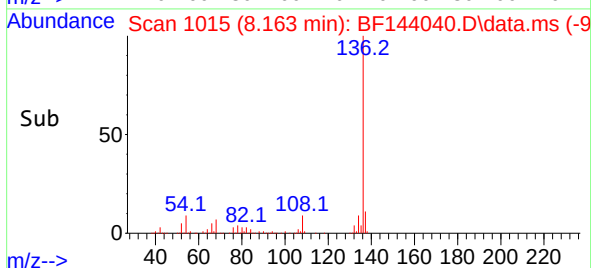
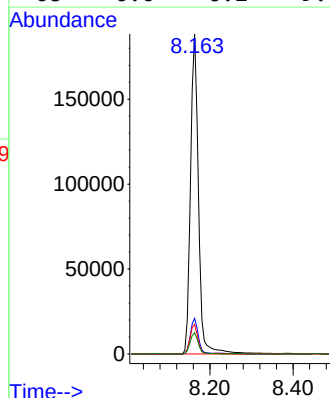
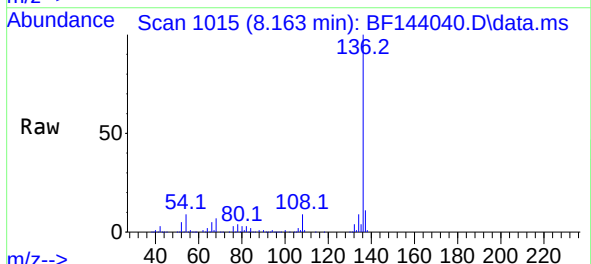
Instrument :
BNA_F
ClientSampleId :
PR132-S12-047072-20251016

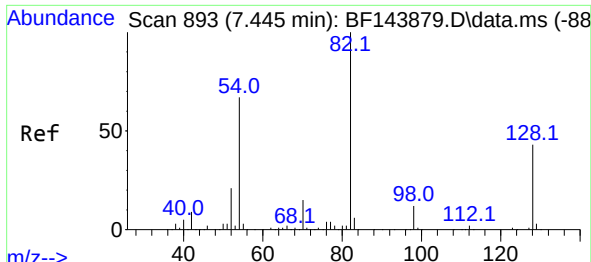
Tgt Ion:	99	Resp:	176554
Ion	Ratio	Lower	Upper
99	100		
42	24.3	21.0	31.4
71	34.8	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144040.D
Acq: 22 Oct 2025 14:22

Tgt Ion:	136	Resp:	250555
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	9.2	8.2	12.4
68	6.6	6.2	9.4

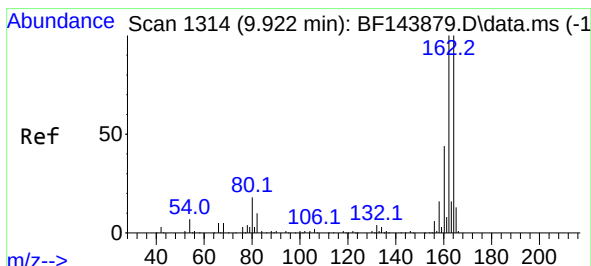
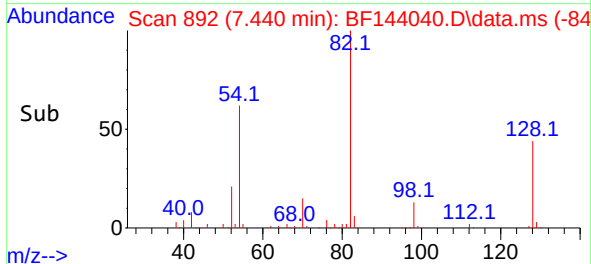
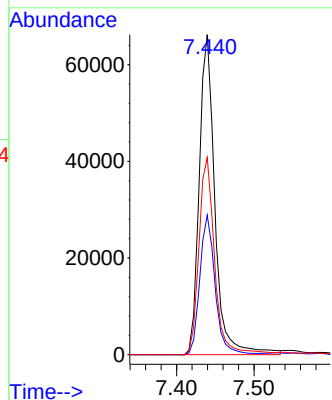
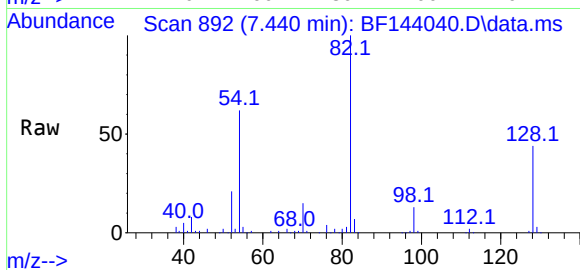




#23
Nitrobenzene-d5
Concen: 22.593 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF144040.D
Acq: 22 Oct 2025 14:22

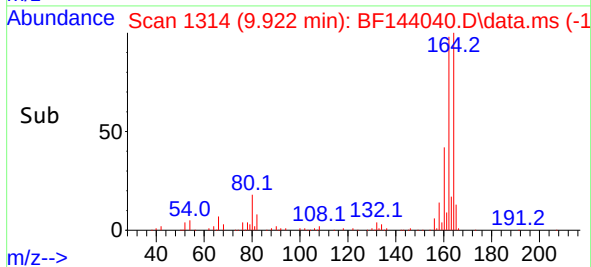
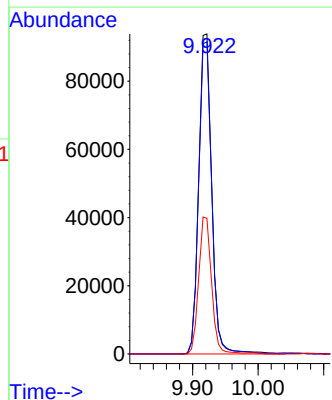
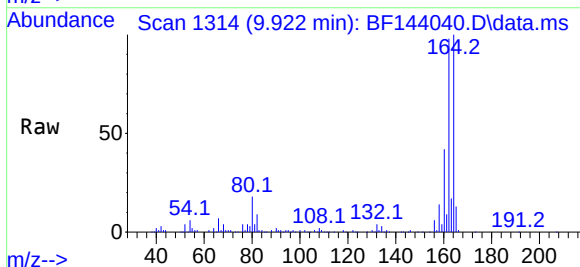
Instrument :
BNA_F
ClientSampleId :
PR132-S12-047072-20251016

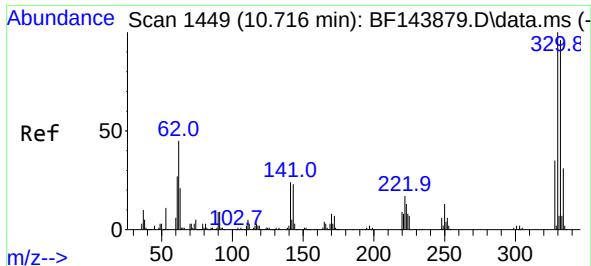
Tgt Ion: 82 Resp: 93175
Ion Ratio Lower Upper
82 100
128 43.6 34.0 51.0
54 61.6 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144040.D
Acq: 22 Oct 2025 14:22

Tgt Ion:164 Resp: 129776
Ion Ratio Lower Upper
164 100
162 97.6 80.2 120.2
160 42.4 35.4 53.0

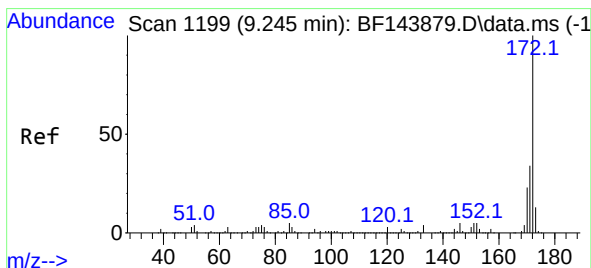
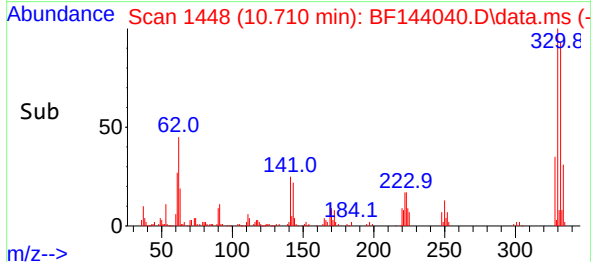
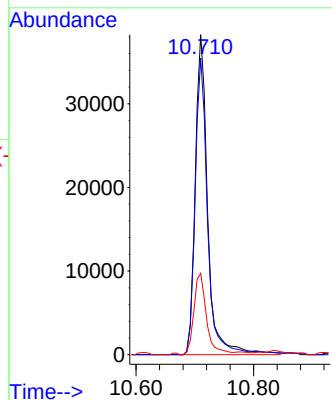
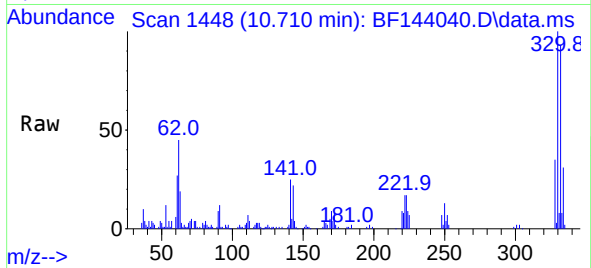




#42
2,4,6-Tribromophenol
Concen: 43.377 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF144040.D
Acq: 22 Oct 2025 14:22

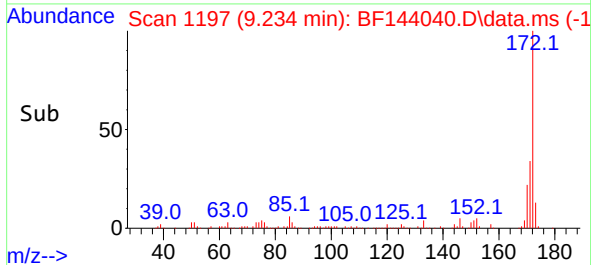
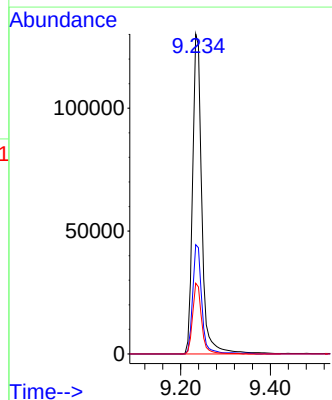
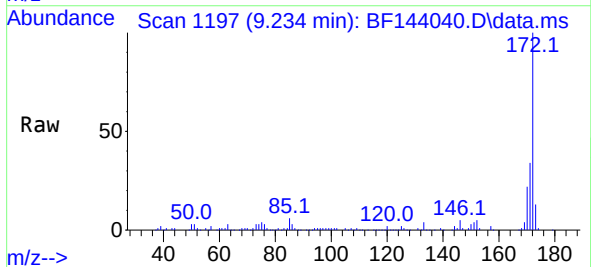
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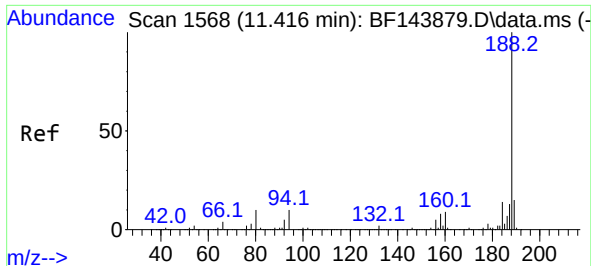
Tgt Ion:330 Resp: 56069
Ion Ratio Lower Upper
330 100
332 91.0 76.9 115.3
141 25.8 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 22.804 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.017 min
Lab File: BF144040.D
Acq: 22 Oct 2025 14:22

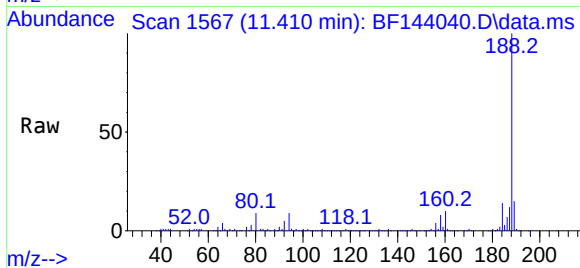
Tgt Ion:172 Resp: 186509
Ion Ratio Lower Upper
172 100
171 34.2 27.4 41.0
170 22.1 18.6 28.0



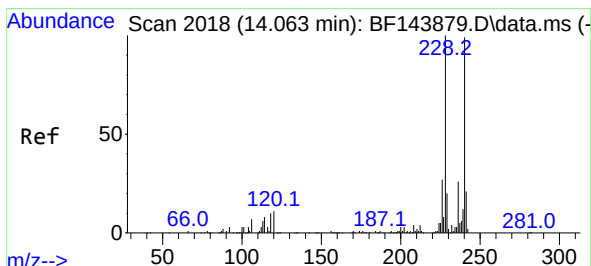
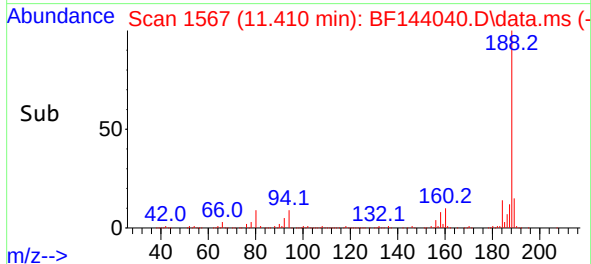
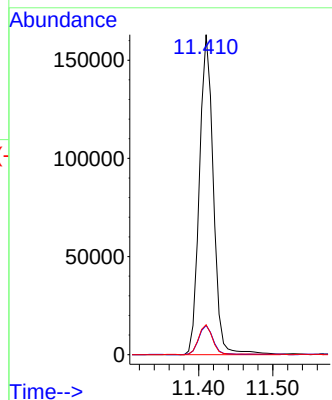


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144040.D
Acq: 22 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
PR132-S12-047072-20251016

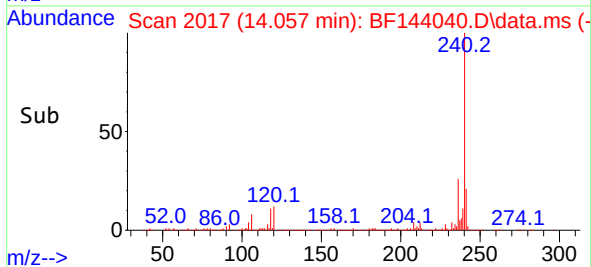
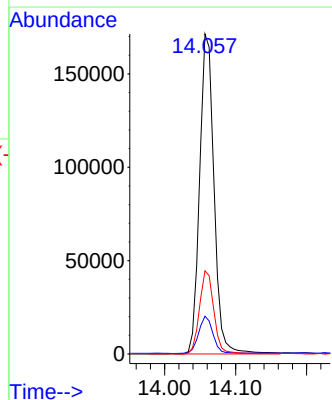
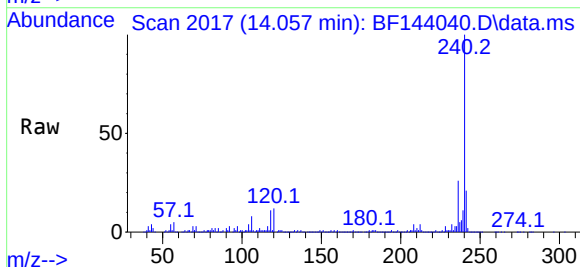


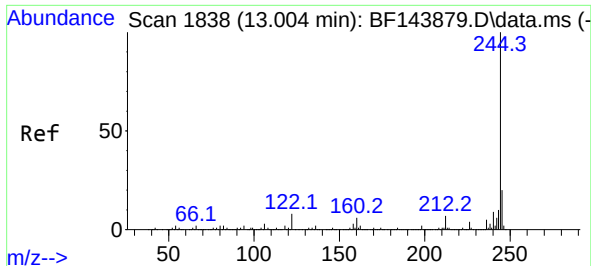
Tgt Ion:188 Resp: 213175
Ion Ratio Lower Upper
188 100
94 9.1 7.8 11.6
80 9.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144040.D
Acq: 22 Oct 2025 14:22

Tgt Ion:240 Resp: 243369
Ion Ratio Lower Upper
240 100
120 11.8 8.6 13.0
236 26.0 21.1 31.7

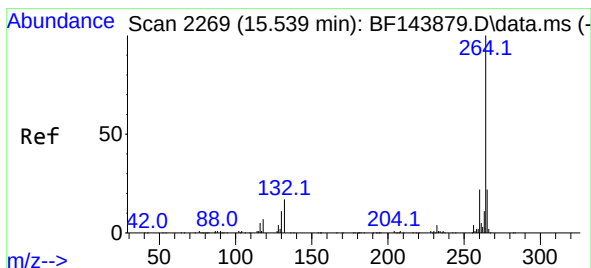
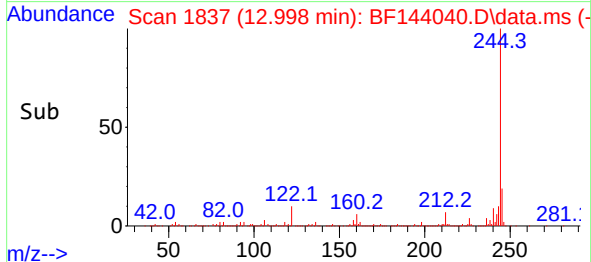
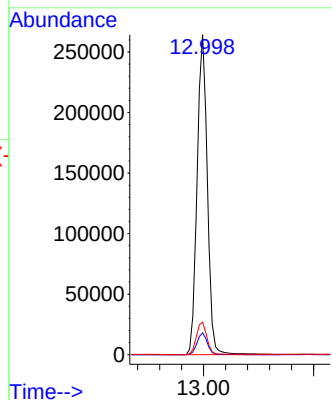
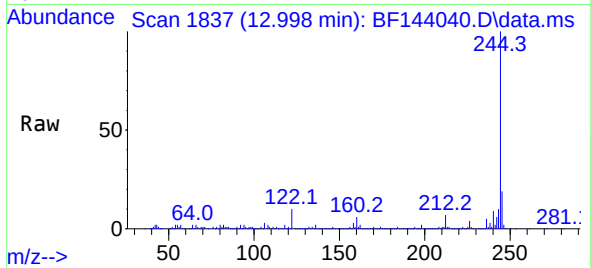




#79
Terphenyl-d14
Concen: 24.061 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144040.D
Acq: 22 Oct 2025 14:22

Instrument :
BNA_F
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Tgt Ion:244 Resp: 342629
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 10.2 6.4 9.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144040.D
Acq: 22 Oct 2025 14:22

Tgt Ion:264 Resp: 287324
Ion Ratio Lower Upper
264 100
260 22.2 17.8 26.8
265 22.1 17.5 26.3

