

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144037.D
 Acq On : 22 Oct 2025 12:55
 Operator : RC/JU
 Sample : Q3393-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-S06-000021-20251017

Quant Time: Oct 22 13:25:33 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	86146	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	309033	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	160156	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	262433	20.000	ng	0.00
76) Chrysene-d12	14.057	240	218012	20.000	ng	-0.01
86) Perylene-d12	15.545	264	261186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	373253	68.804	ng	0.00
7) Phenol-d6	6.504	99	416805	64.459	ng	-0.01
23) Nitrobenzene-d5	7.440	82	229915	45.200	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	81305	50.969	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	387848	38.426	ng	-0.01
79) Terphenyl-d14	12.998	244	388948	30.491	ng	-0.01

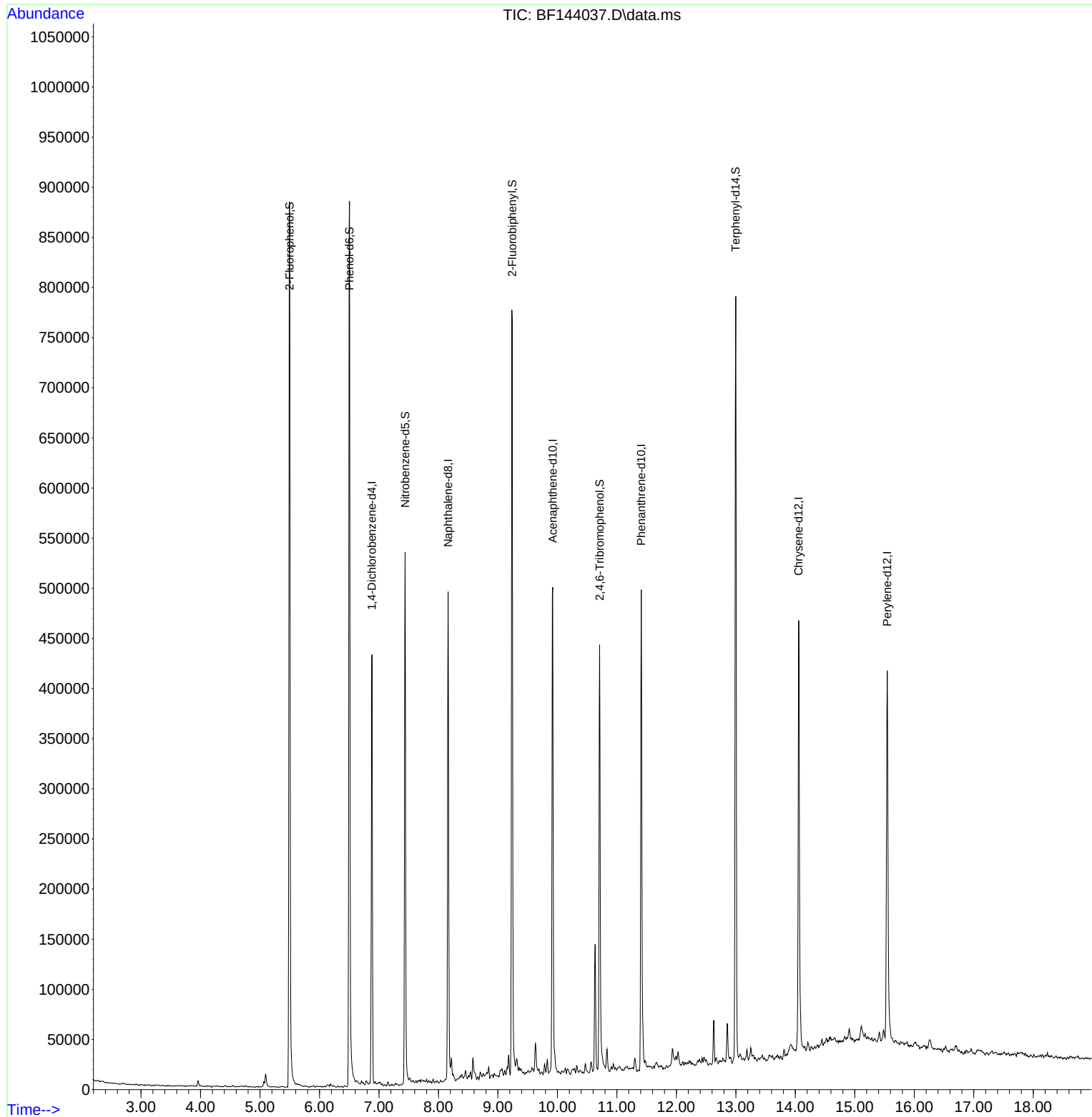
Target Compounds	Qvalue

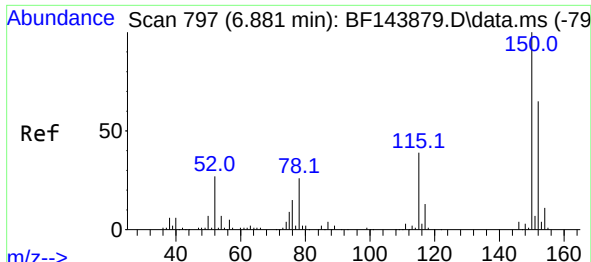
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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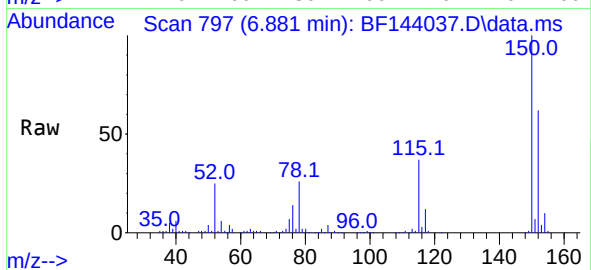
Quant Time: Oct 22 13:25:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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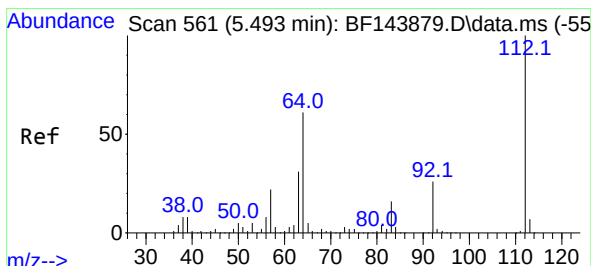
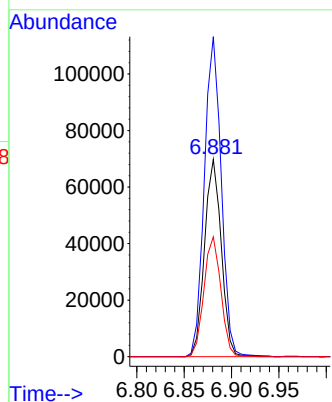
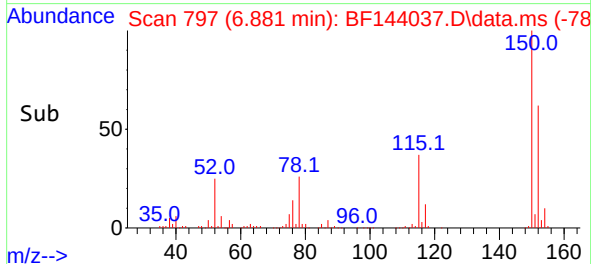


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144037.D
Acq: 22 Oct 2025 12:55

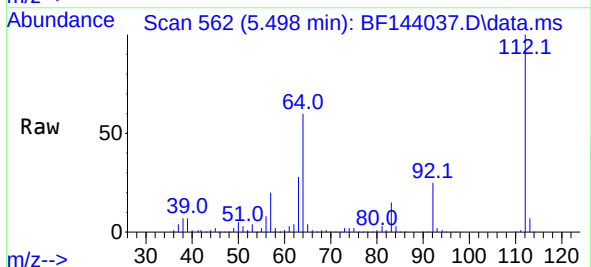
Instrument :
BNA_F
ClientSampleId :
PR132-S06-000021-20251017



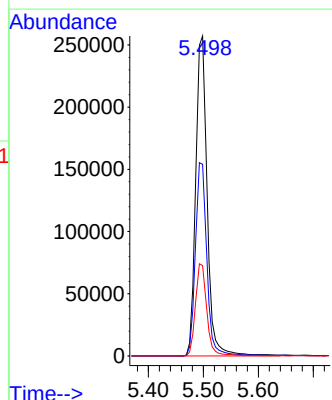
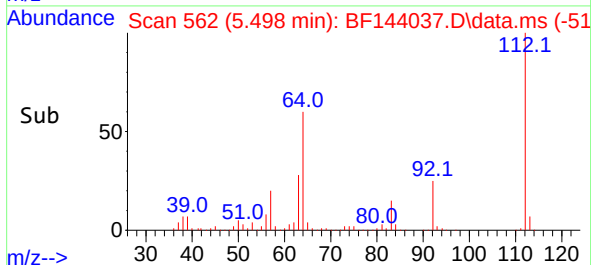
Tgt Ion:152 Resp: 86146
Ion Ratio Lower Upper
152 100
150 162.2 124.4 186.6
115 60.7 48.1 72.1

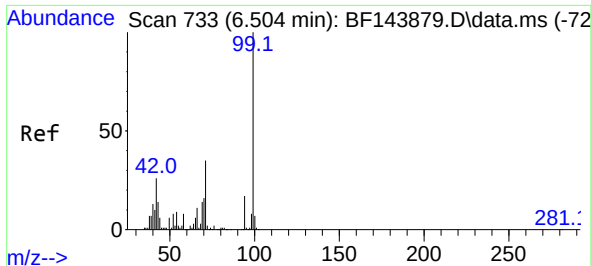


#5
2-Fluorophenol
Concen: 68.804 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144037.D
Acq: 22 Oct 2025 12:55



Tgt Ion:112 Resp: 373253
Ion Ratio Lower Upper
112 100
64 59.9 49.1 73.7
63 28.3 24.5 36.7



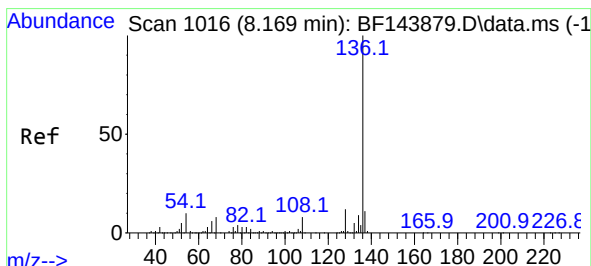
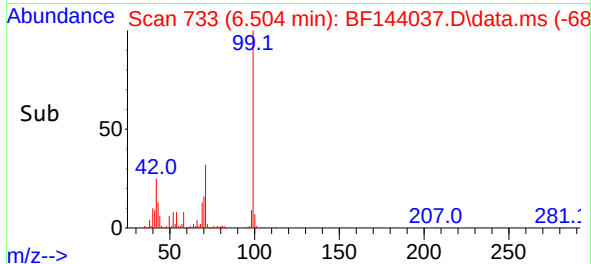
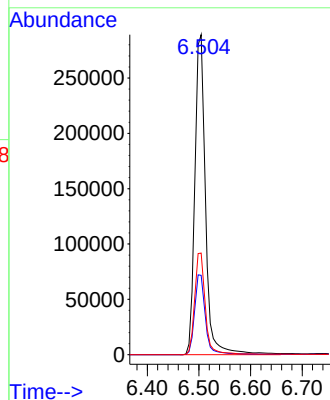
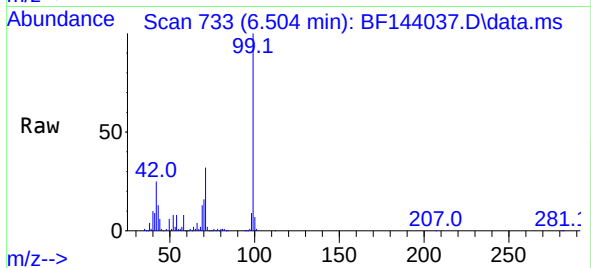


#7
Phenol-d6
Concen: 64.459 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144037.D
Acq: 22 Oct 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PR132-S06-000021-20251017

Tgt Ion: 99 Resp: 416805

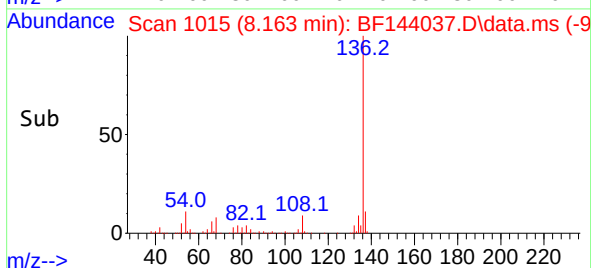
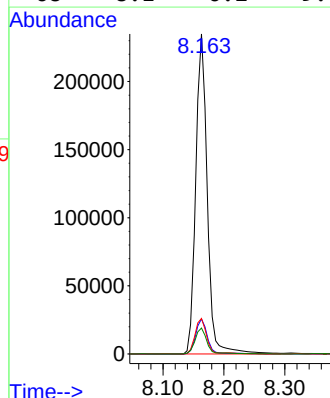
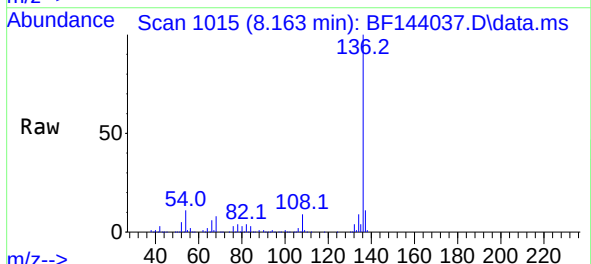
Ion	Ratio	Lower	Upper
99	100		
42	24.8	21.0	31.4
71	31.7	27.8	41.8

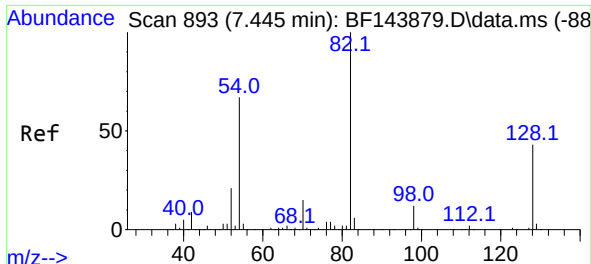


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144037.D
Acq: 22 Oct 2025 12:55

Tgt Ion: 136 Resp: 309033

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

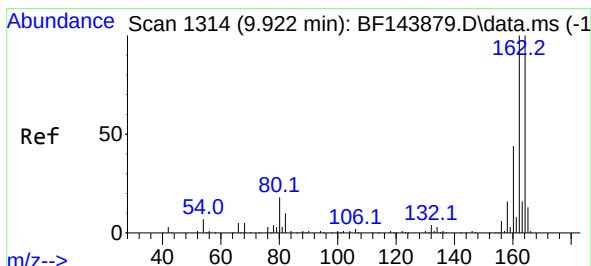
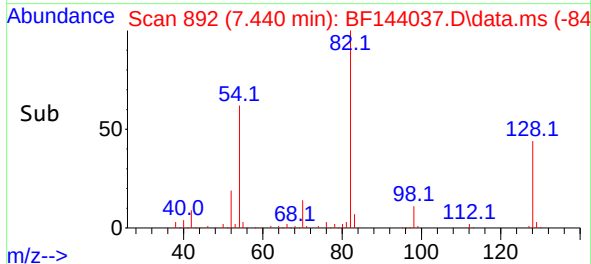
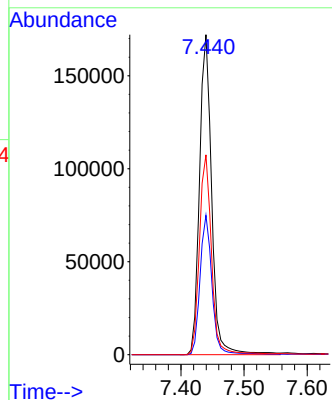
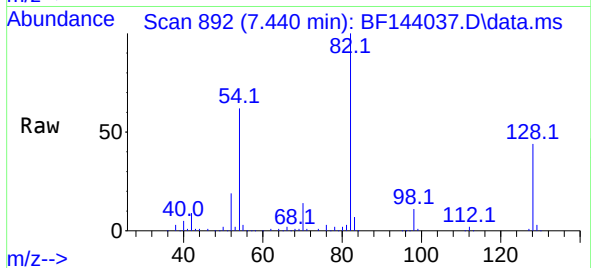




#23
Nitrobenzene-d5
Concen: 45.200 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF144037.D
Acq: 22 Oct 2025 12:55

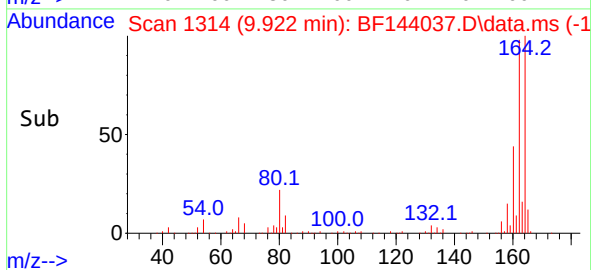
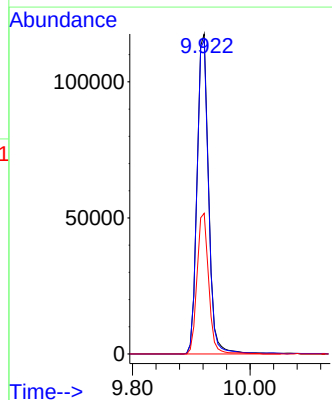
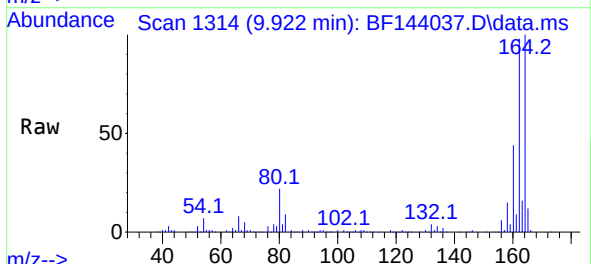
Instrument :
BNA_F
ClientSampleId :
PR132-S06-000021-20251017

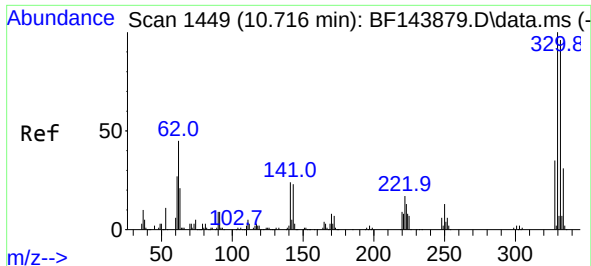
Tgt Ion: 82 Resp: 229915
Ion Ratio Lower Upper
82 100
128 43.5 34.0 51.0
54 62.5 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144037.D
Acq: 22 Oct 2025 12:55

Tgt Ion:164 Resp: 160156
Ion Ratio Lower Upper
164 100
162 98.1 80.2 120.2
160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 50.969 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF144037.D

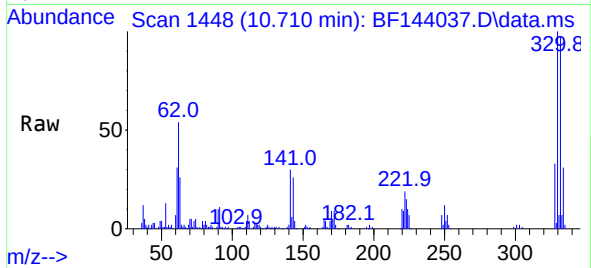
Acq: 22 Oct 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PR132-S06-000021-20251017



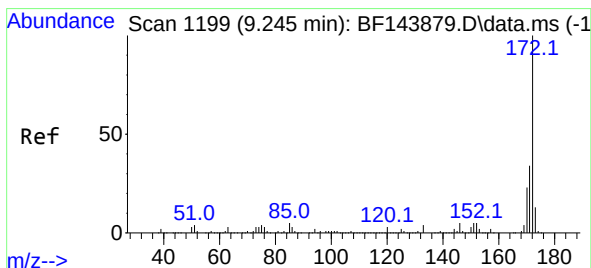
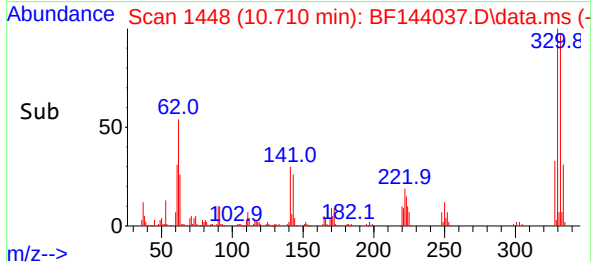
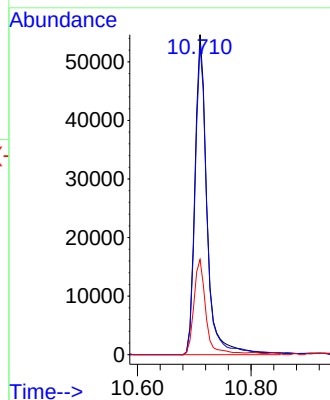
Tgt Ion:330 Resp: 81305

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

141 29.3 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 38.426 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF144037.D

Acq: 22 Oct 2025 12:55

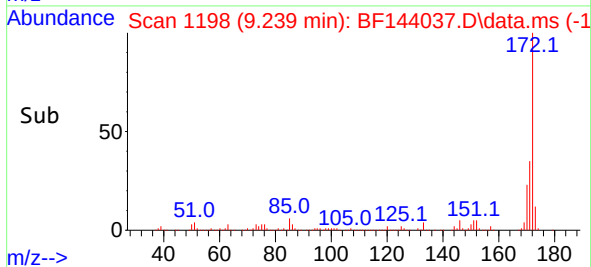
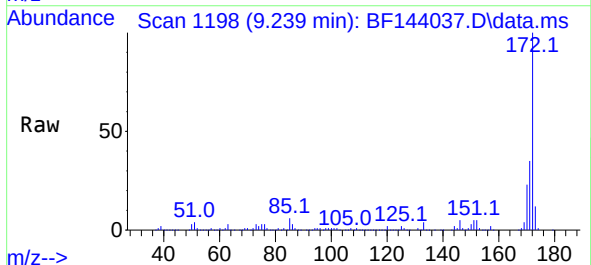
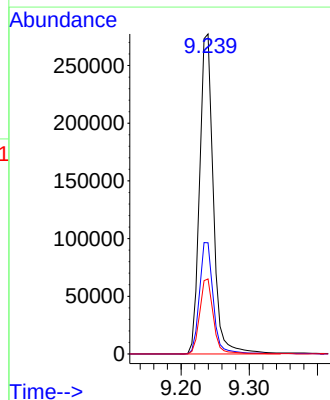
Tgt Ion:172 Resp: 387848

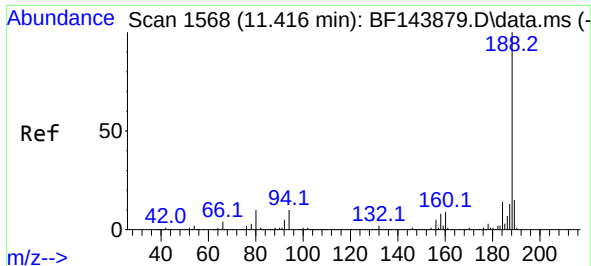
Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

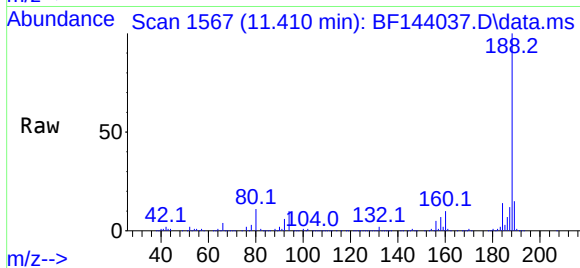
170 23.4 18.6 28.0



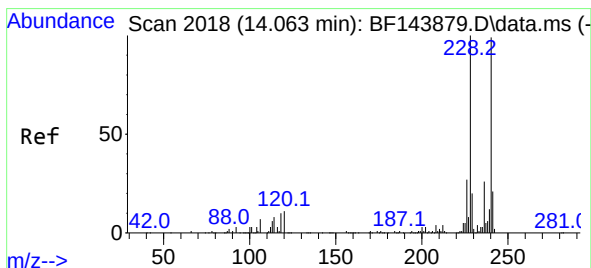
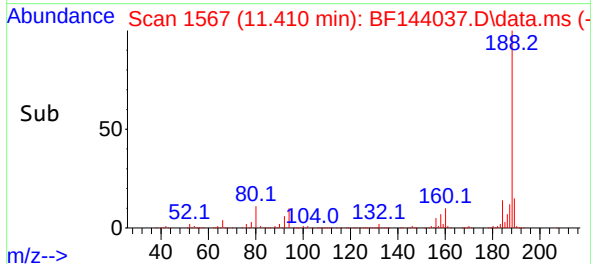
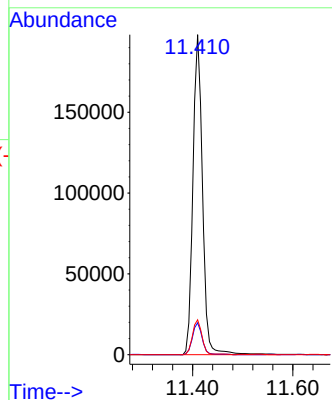


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144037.D
Acq: 22 Oct 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PR132-S06-000021-20251017

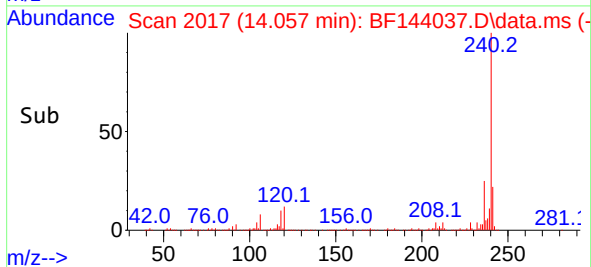
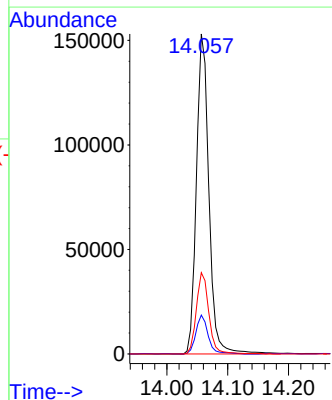
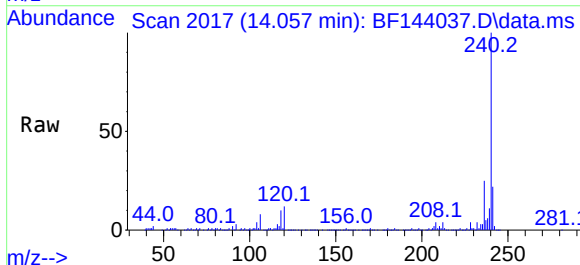


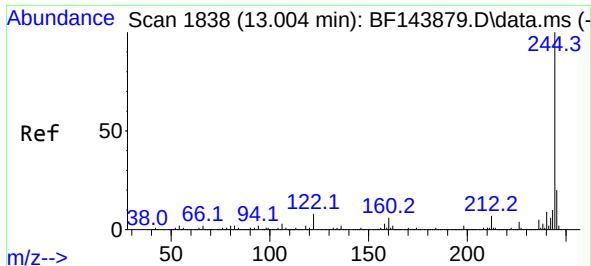
Tgt Ion:188 Resp: 262433
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144037.D
Acq: 22 Oct 2025 12:55

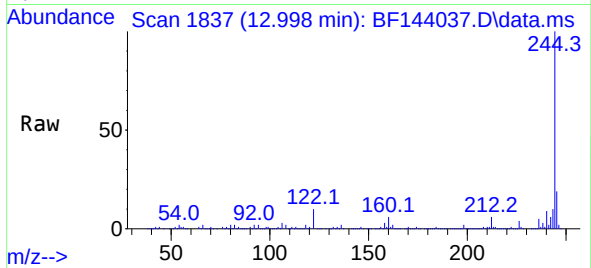
Tgt Ion:240 Resp: 218012
Ion Ratio Lower Upper
240 100
120 12.2 8.6 13.0
236 25.4 21.1 31.7



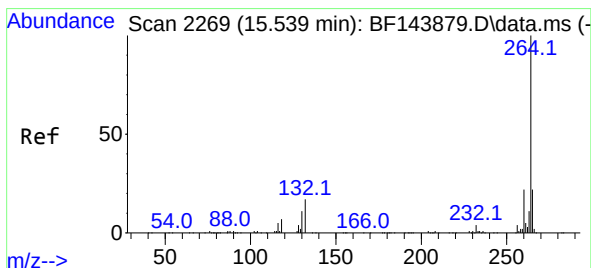
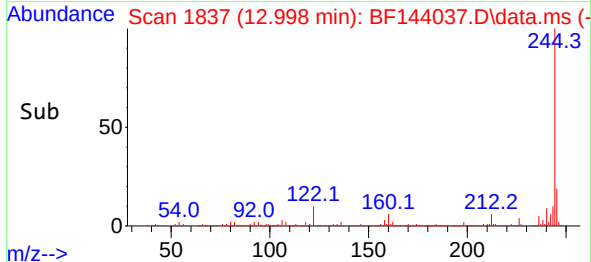
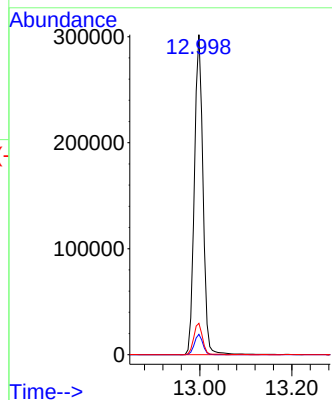


#79
Terphenyl-d14
Concen: 30.491 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144037.D
Acq: 22 Oct 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PR132-S06-000021-20251017



Tgt Ion:244 Resp: 388948
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 9.8 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: BF144037.D
Acq: 22 Oct 2025 12:55

Tgt Ion:264 Resp: 261186
Ion Ratio Lower Upper
264 100
260 23.1 17.8 26.8
265 20.9 17.5 26.3

