

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
 Data File : BF144316.D
 Acq On : 21 Nov 2025 19:19
 Operator : RC/JU
 Sample : PB170645TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170645TB

Quant Time: Nov 21 22:05:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58255	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	204537	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	101602	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	166217	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	146039	20.000	ng	0.00
86) Perylene-d12	15.521	264	115735	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	419538	112.698	ng	0.00
7) Phenol-d6	6.498	99	466394	110.570	ng	0.00
23) Nitrobenzene-d5	7.428	82	285972	80.750	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	132601	104.002	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	592675	86.154	ng	0.00
79) Terphenyl-d14	12.980	244	621827	67.634	ng	-0.01

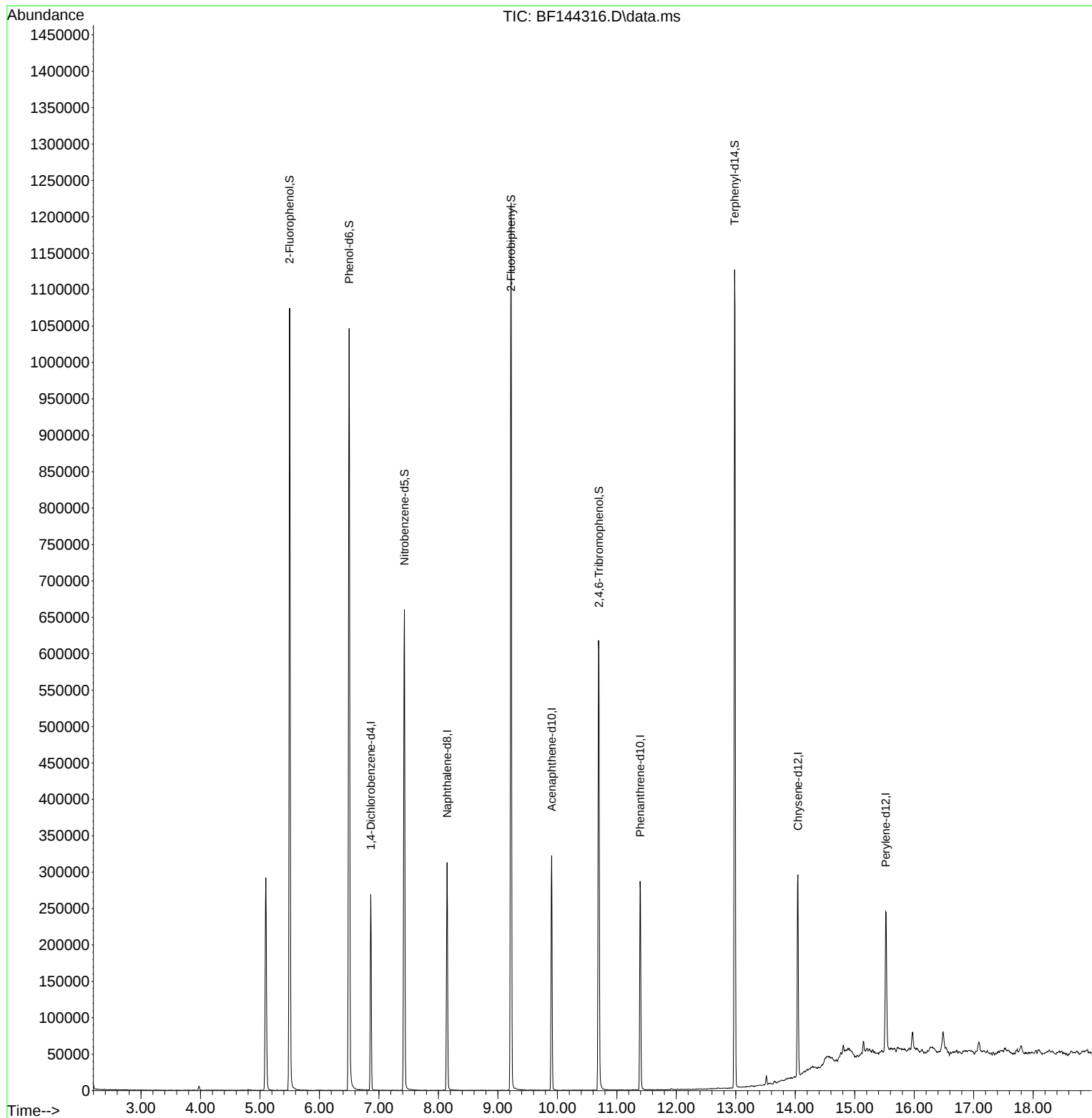
Target Compounds	Qvalue

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

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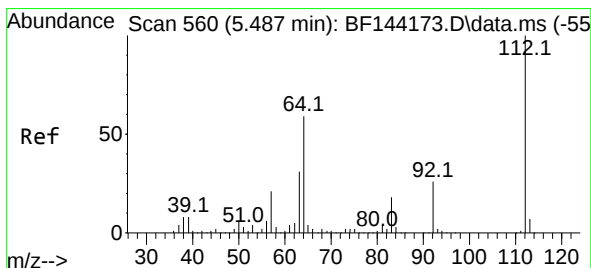
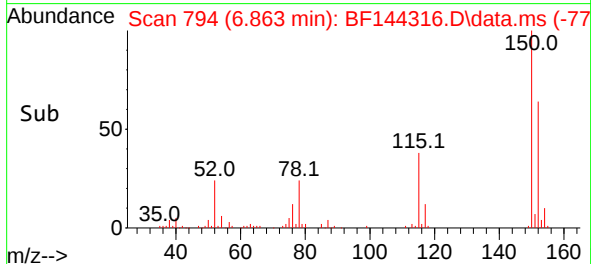
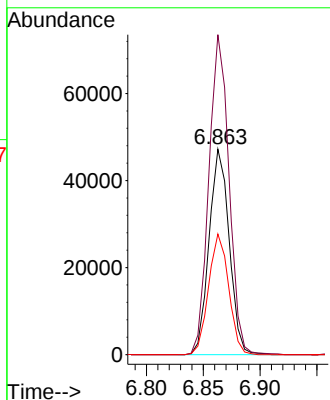
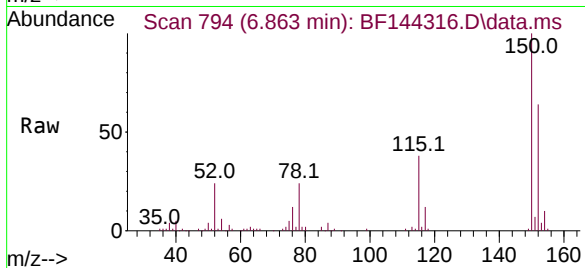




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 796
 Delta R.T. -0.012 min
 Lab File: BF144316.D
 Acq: 21 Nov 2025 19:19

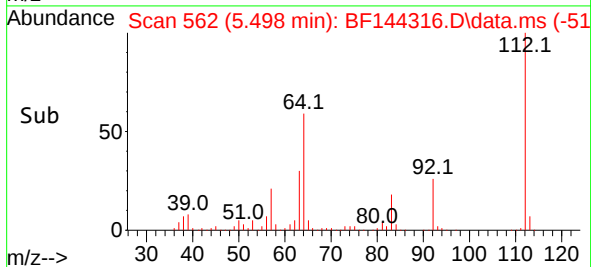
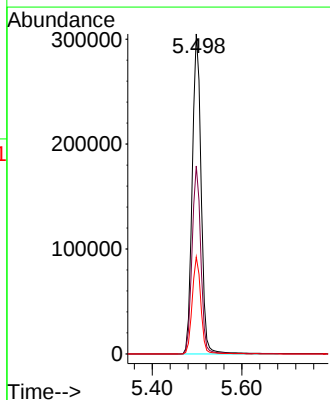
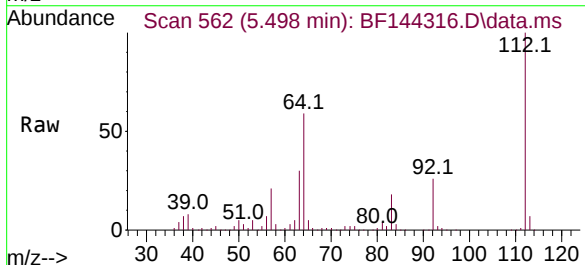
Instrument :
 BNA_F
 ClientSampleId :
 PB170645TB

Tgt Ion:152 Resp: 58255
 Ion Ratio Lower Upper
 152 100
 150 155.8 127.4 191.0
 115 58.7 49.5 74.3



#5
 2-Fluorophenol
 Concen: 112.698 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144316.D
 Acq: 21 Nov 2025 19:19

Tgt Ion:112 Resp: 419538
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.2 70.8
 63 30.3 24.4 36.6

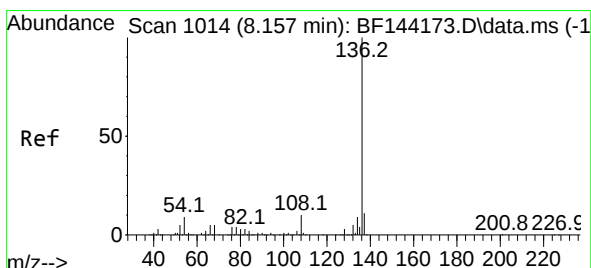
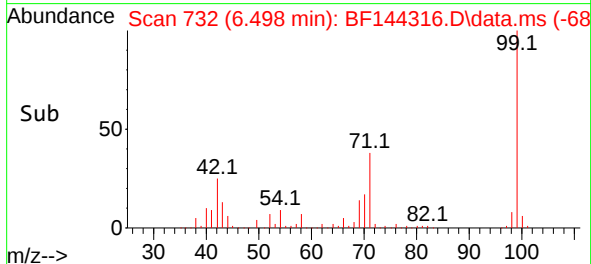
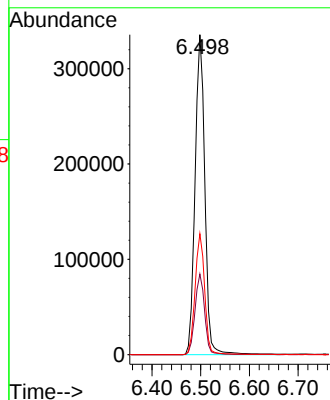
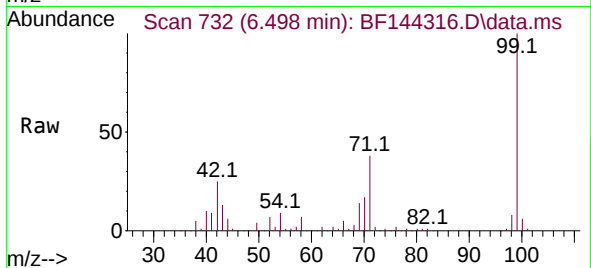




#7
Phenol-d6
Concen: 110.570 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144316.D
Acq: 21 Nov 2025 19:19

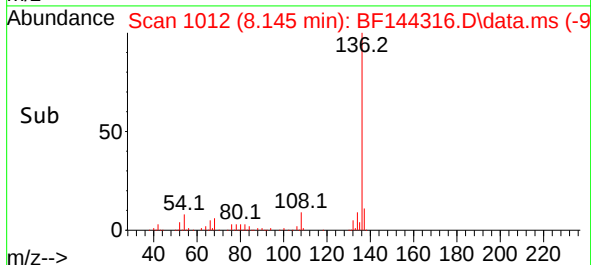
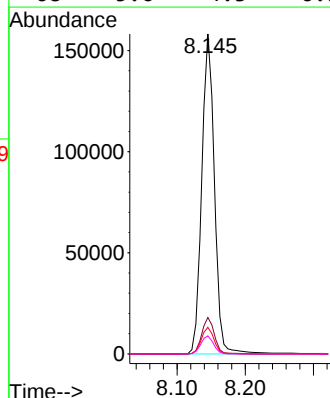
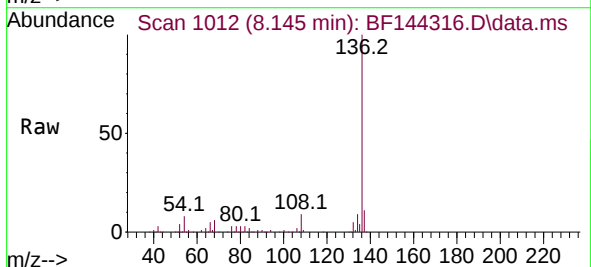
Instrument :
BNA_F
ClientSampleId :
PB170645TB

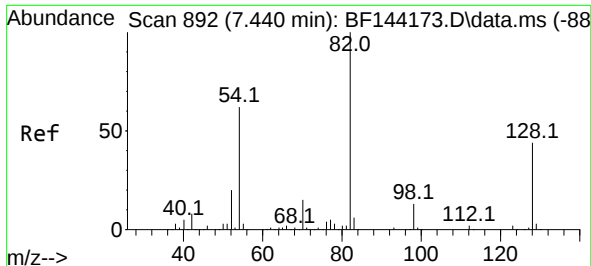
Tgt Ion: 99 Resp: 466394
Ion Ratio Lower Upper
99 100
42 25.2 20.9 31.3
71 37.8 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144316.D
Acq: 21 Nov 2025 19:19

Tgt Ion: 136 Resp: 204537
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 8.3 7.0 10.6
68 5.6 4.3 6.5

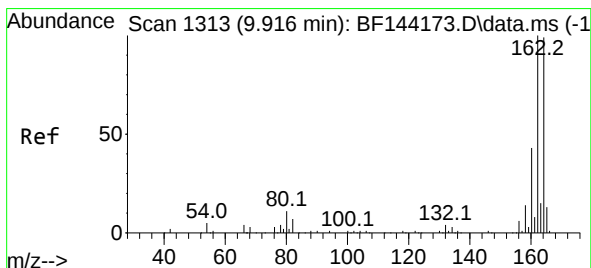
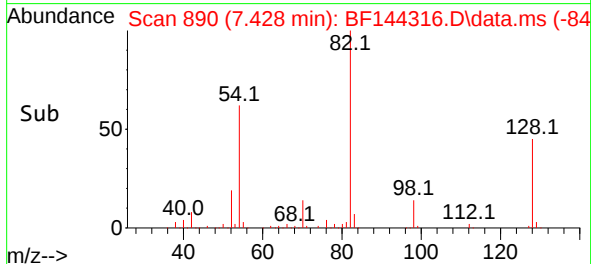
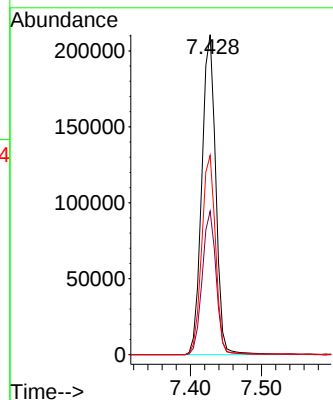
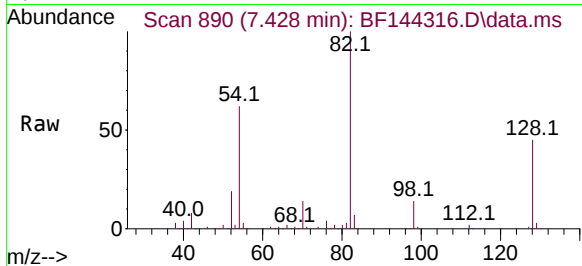




#23
 Nitrobenzene-d5
 Concen: 80.750 ng
 RT: 7.428 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BF144316.D
 Acq: 21 Nov 2025 19:19

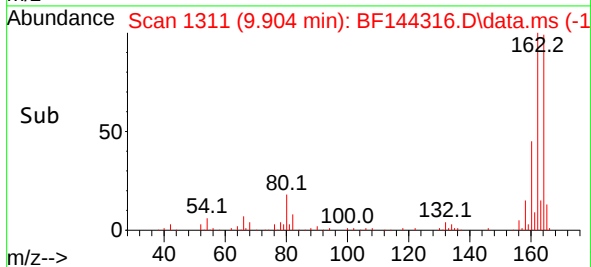
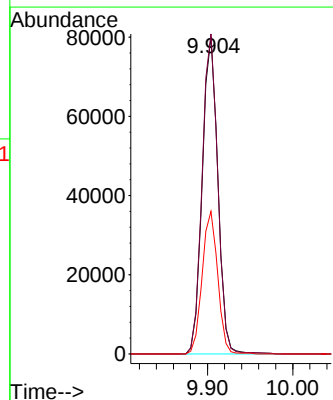
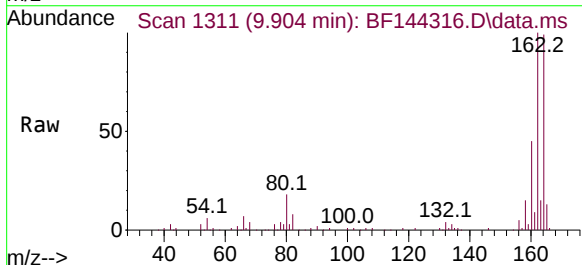
Instrument :
 BNA_F
 ClientSampleId :
 PB170645TB

Tgt Ion: 82 Resp: 285972
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.7 52.1
 54 62.3 49.5 74.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1311
 Delta R.T. -0.012 min
 Lab File: BF144316.D
 Acq: 21 Nov 2025 19:19

Tgt Ion:164 Resp: 101602
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.1 121.7
 160 44.9 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 104.002 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144316.D

Acq: 21 Nov 2025 19:19

Instrument :

BNA_F

ClientSampleId :

PB170645TB

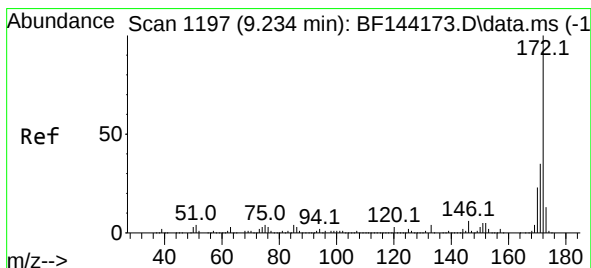
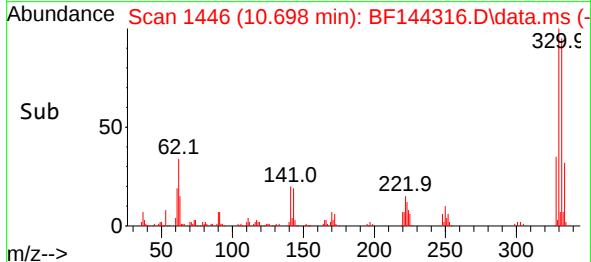
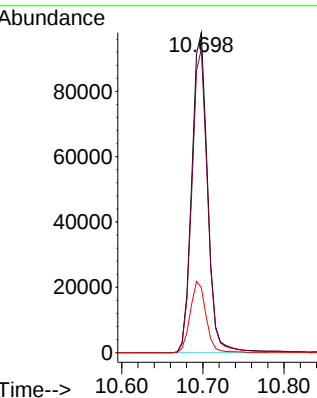
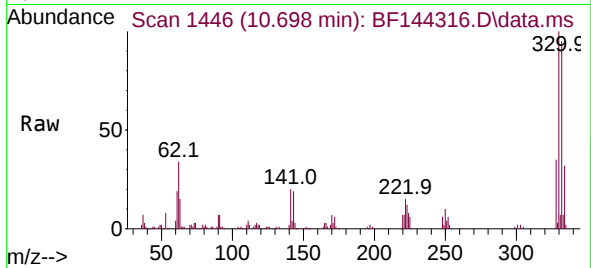
Tgt Ion:330 Resp: 132601

Ion Ratio Lower Upper

330 100

332 94.7 76.7 115.1

141 22.1 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 86.154 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144316.D

Acq: 21 Nov 2025 19:19

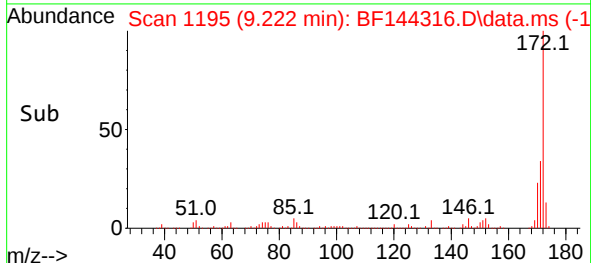
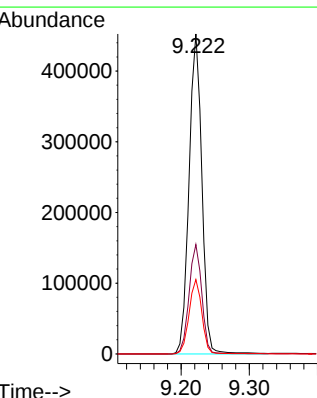
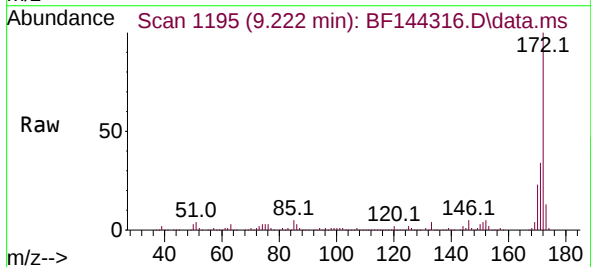
Tgt Ion:172 Resp: 592675

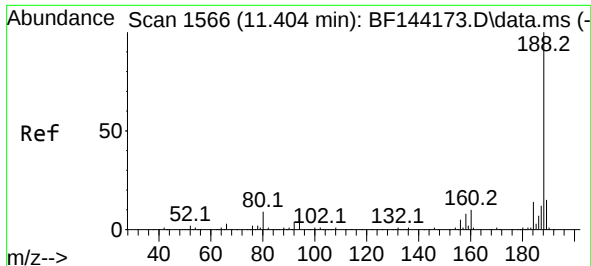
Ion Ratio Lower Upper

172 100

171 34.2 28.1 42.1

170 23.2 18.6 28.0

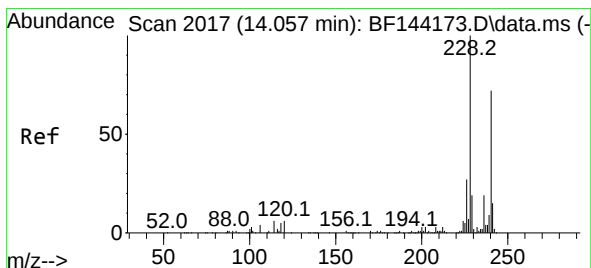
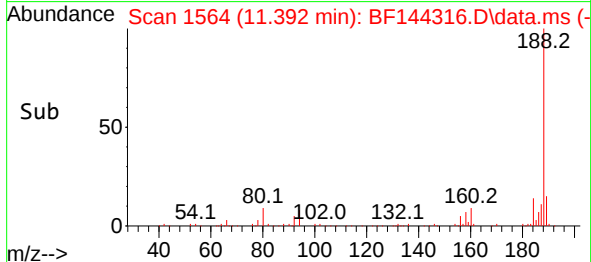
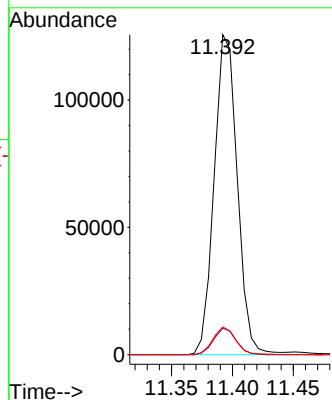
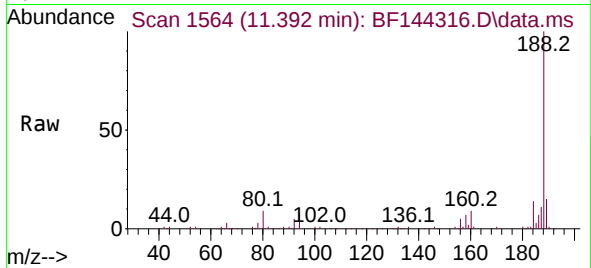




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144316.D
Acq: 21 Nov 2025 19:19

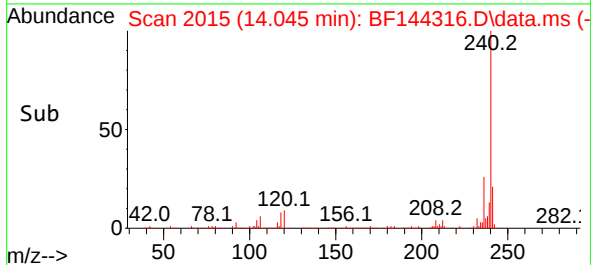
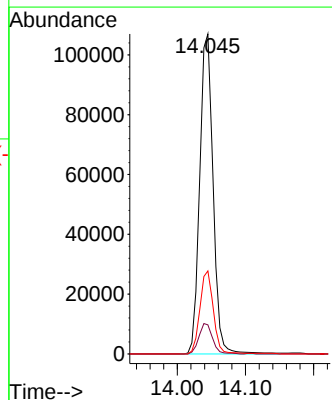
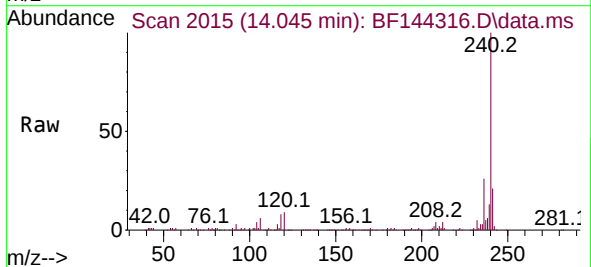
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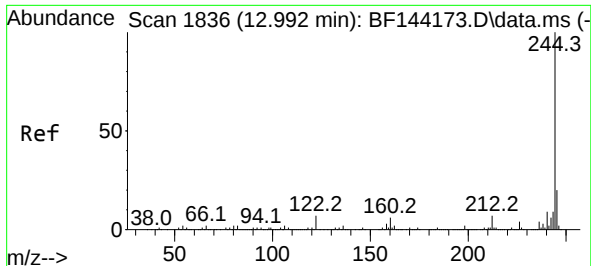
Tgt Ion:188 Resp: 166217
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144316.D
Acq: 21 Nov 2025 19:19

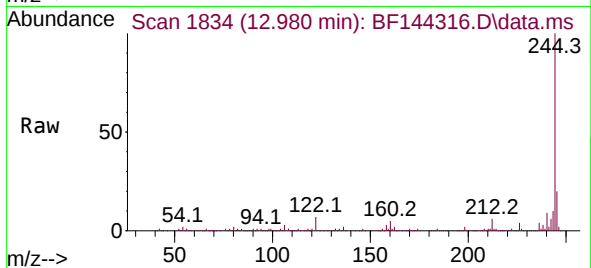
Tgt Ion:240 Resp: 146039
Ion Ratio Lower Upper
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120 9.1 6.6 10.0
236 25.9 21.4 32.2



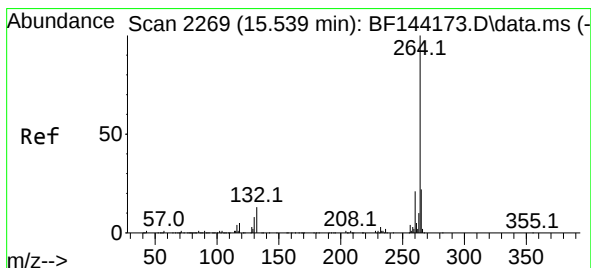
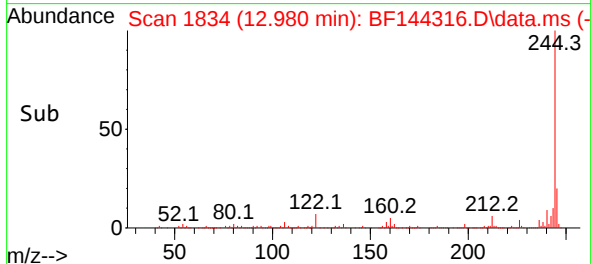
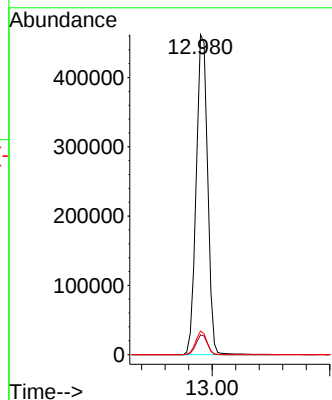


#79
 Terphenyl-d14
 Concen: 67.634 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144316.D
 Acq: 21 Nov 2025 19:19

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 621827
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 7.3 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF144316.D
 Acq: 21 Nov 2025 19:19

Tgt Ion:264 Resp: 115735
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.1 25.7
 265 22.0 17.4 26.0

