

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031925\
 Data File : BF141997.D
 Acq On : 19 Mar 2025 10:44
 Operator : RC/JU
 Sample : PB167188BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167188BL

Quant Time: Mar 19 11:26:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	179364	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	733782	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	412111	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	745100	20.000	ng	0.00
76) Chrysene-d12	14.033	240	464135	20.000	ng	0.00
86) Perylene-d12	15.510	264	389201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1432544	133.296	ng	0.01
7) Phenol-d6	6.504	99	1762557	128.810	ng	0.00
23) Nitrobenzene-d5	7.440	82	1171004	89.808	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	765519	146.422	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2511851	92.695	ng	0.00
79) Terphenyl-d14	12.986	244	3089090	98.400	ng	0.00

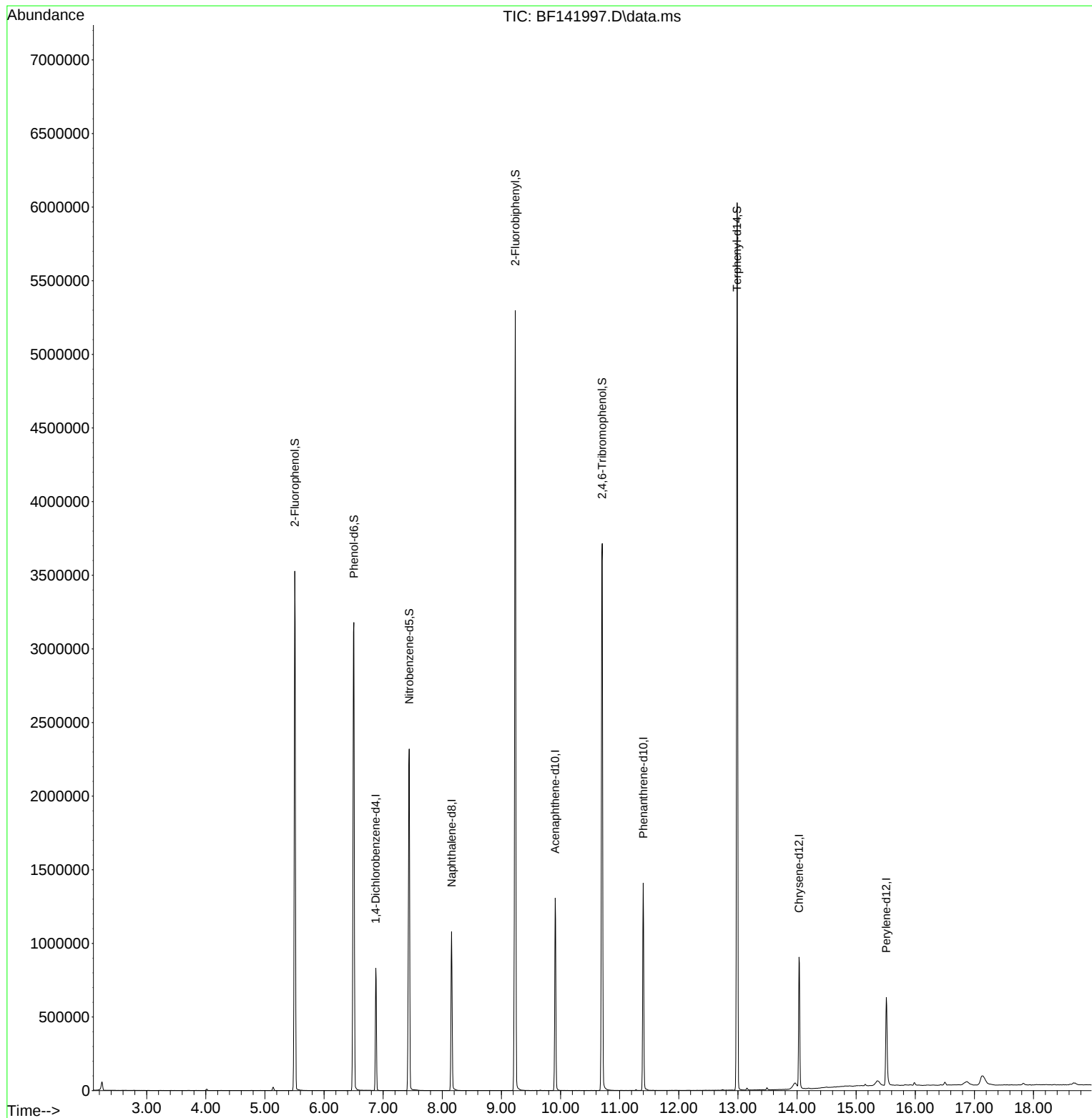
Target Compounds	Qvalue

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

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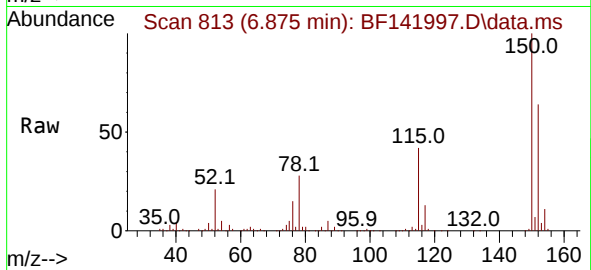
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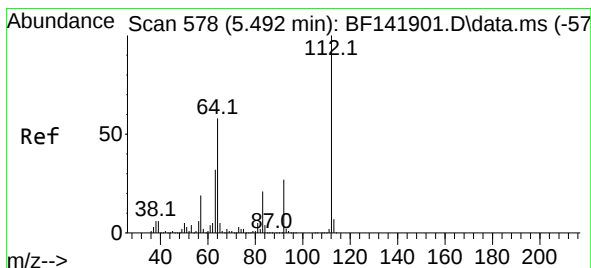
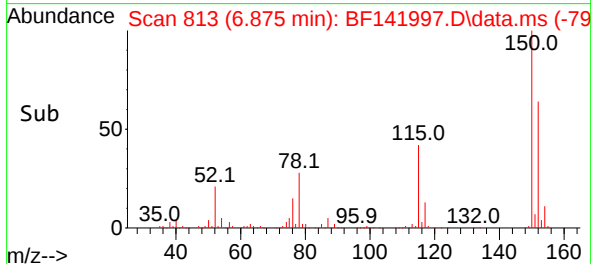
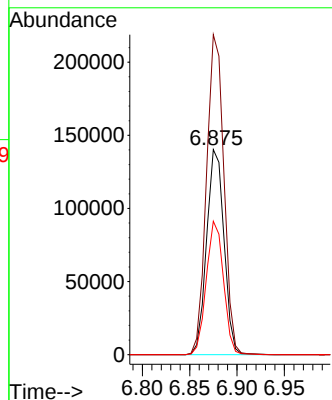


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

Instrument :
BNA_F
ClientSampleId :
PB167188BL

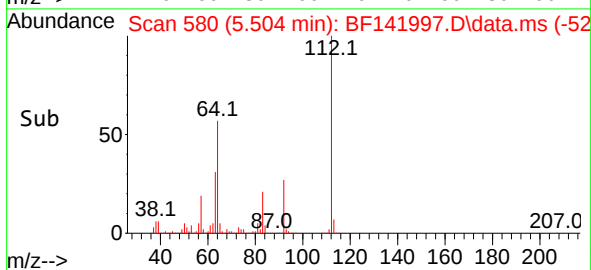
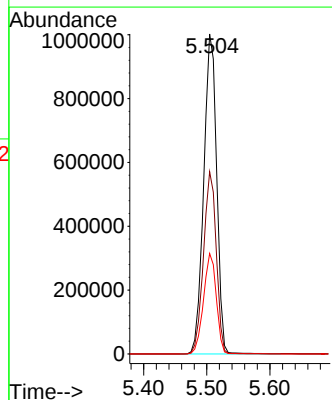
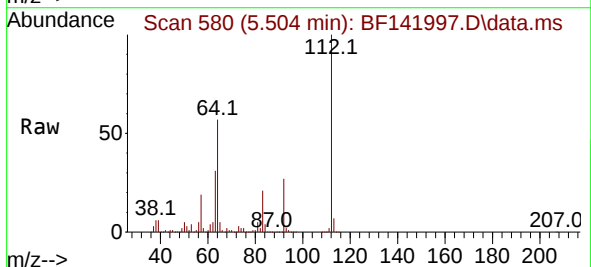


Tgt Ion:152 Resp: 179364
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.2
115 65.1 51.9 77.9



#5
2-Fluorophenol
Concen: 133.296 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

Tgt Ion:112 Resp: 1432544
Ion Ratio Lower Upper
112 100
64 57.0 46.5 69.7
63 31.4 25.4 38.2

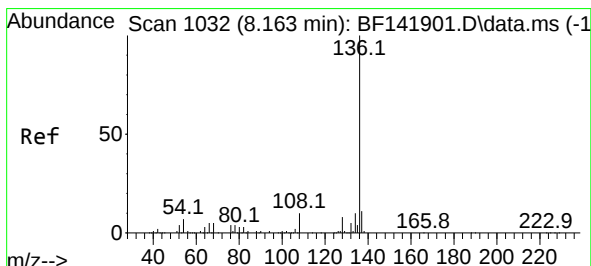
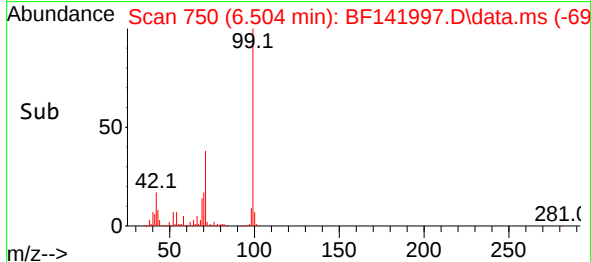
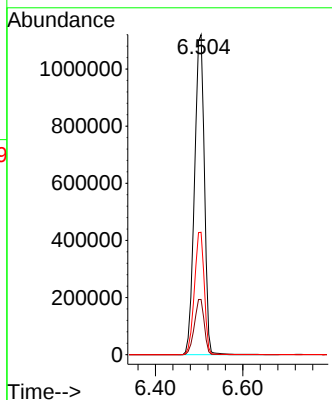
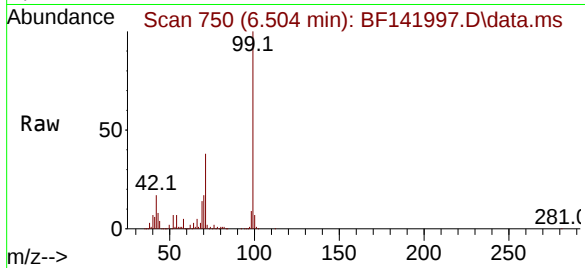




#7
Phenol-d6
Concen: 128.810 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

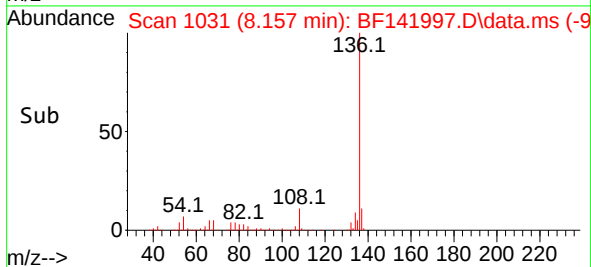
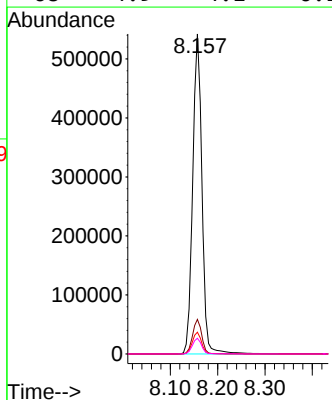
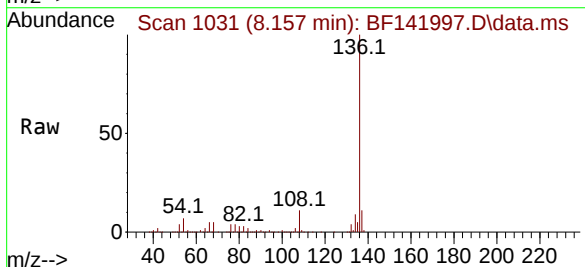
Instrument :
BNA_F
ClientSampleId :
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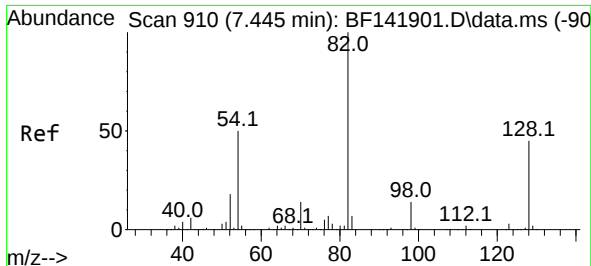
Tgt Ion: 99 Resp: 1762557
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 38.3 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

Tgt Ion:136 Resp: 733782
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.8 5.8 8.8
68 4.9 4.1 6.1

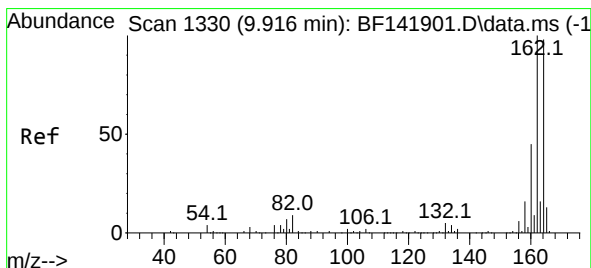
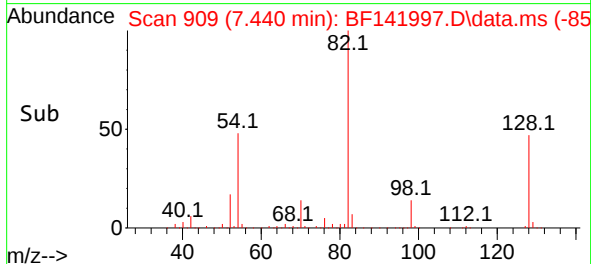
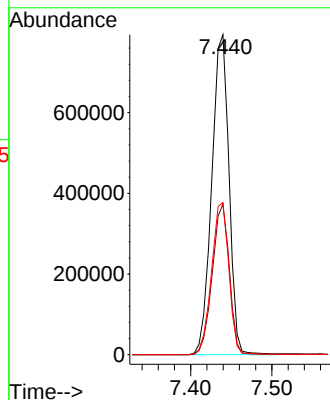
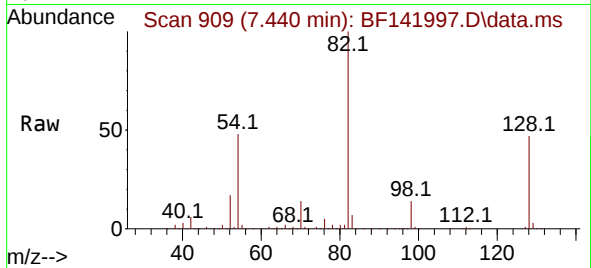




#23
Nitrobenzene-d5
Concen: 89.808 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

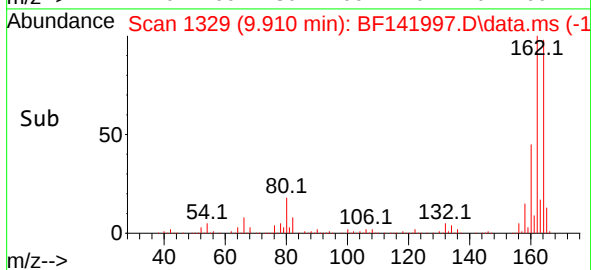
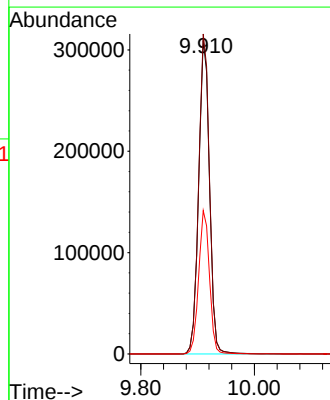
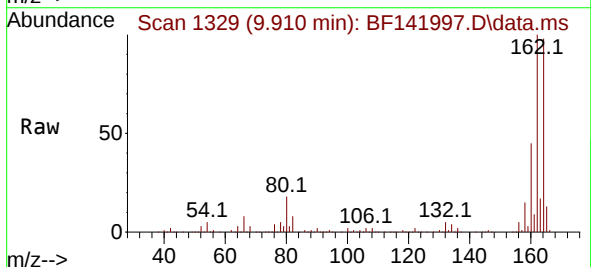
Instrument :
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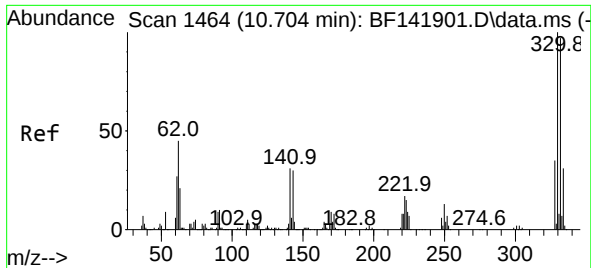
Tgt Ion: 82 Resp: 1171004
Ion Ratio Lower Upper
82 100
128 47.0 36.0 54.0
54 47.6 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

Tgt Ion:164 Resp: 412111
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.6
160 45.7 36.7 55.1

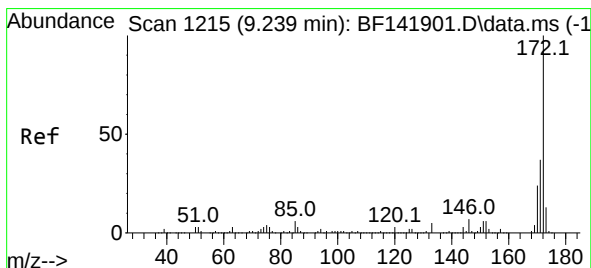
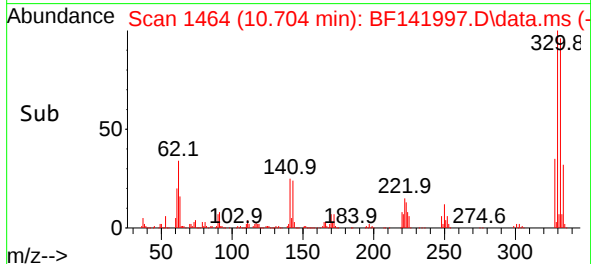
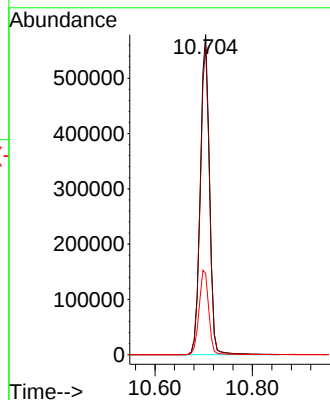
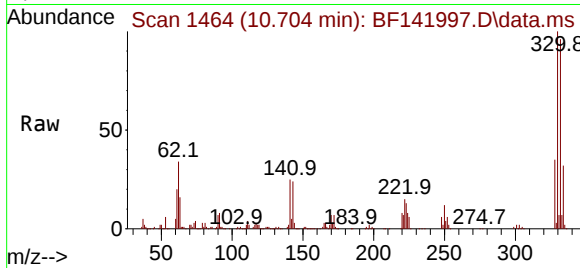




#42
 2,4,6-Tribromophenol
 Concen: 146.422 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: BF141997.D
 Acq: 19 Mar 2025 10:44

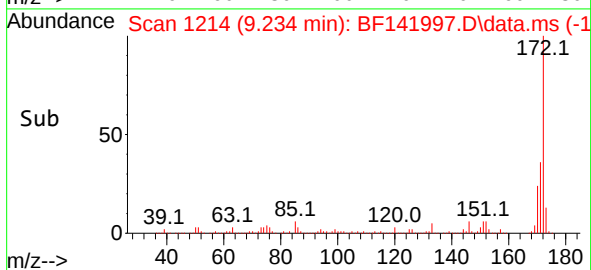
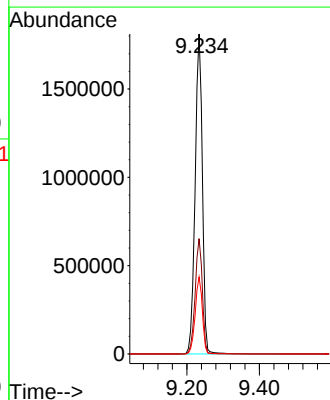
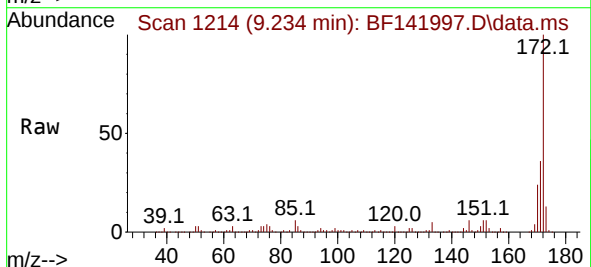
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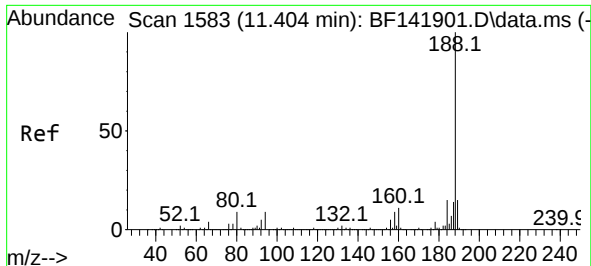
Tgt Ion:330 Resp: 765519
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.6 116.4
 141 27.7 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 92.695 ng
 RT: 9.234 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: BF141997.D
 Acq: 19 Mar 2025 10:44

Tgt Ion:172 Resp: 2511851
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.3 43.9
 170 24.0 19.4 29.0

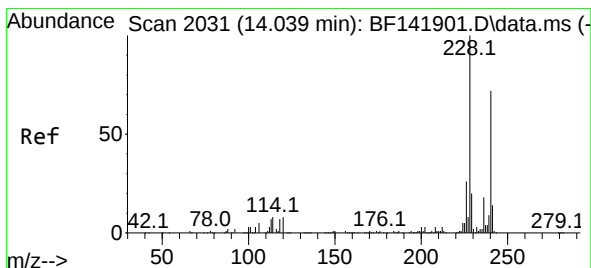
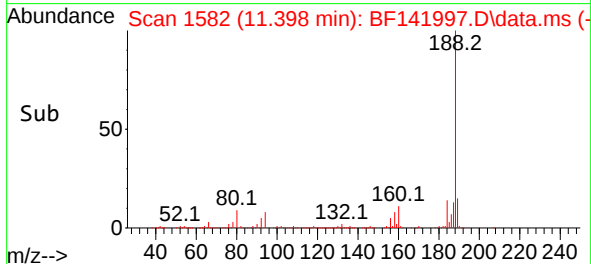
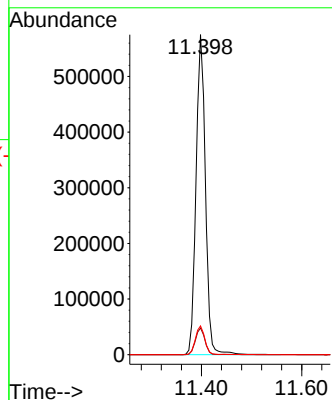
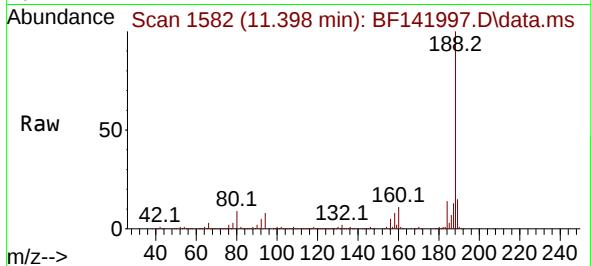




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

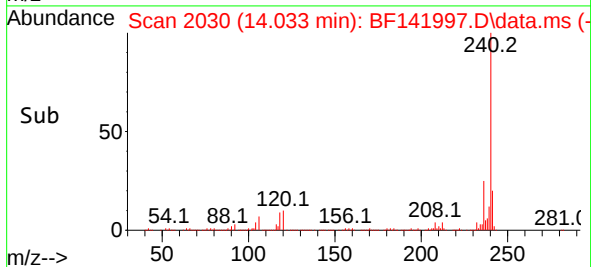
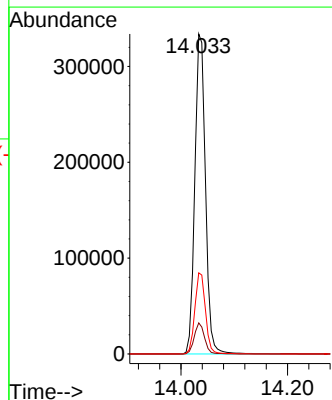
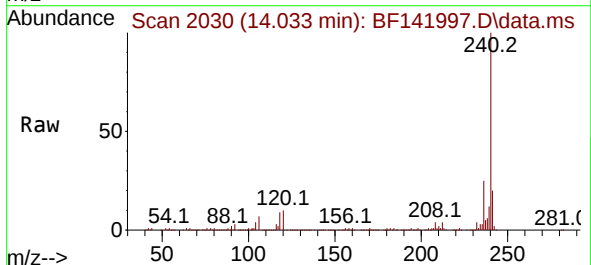
Instrument :
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ClientSampleId :
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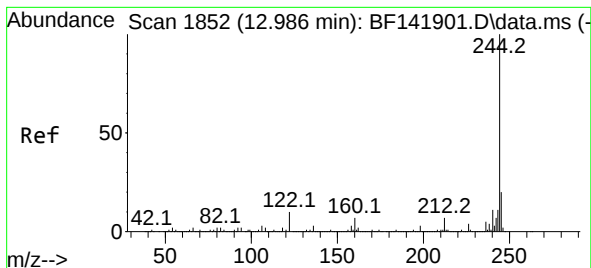
Tgt Ion:188 Resp: 745100
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF141997.D
Acq: 19 Mar 2025 10:44

Tgt Ion:240 Resp: 464135
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.4 20.5 30.7





#79

Terphenyl-d14

Concen: 98.400 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141997.D

Acq: 19 Mar 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB167188BL

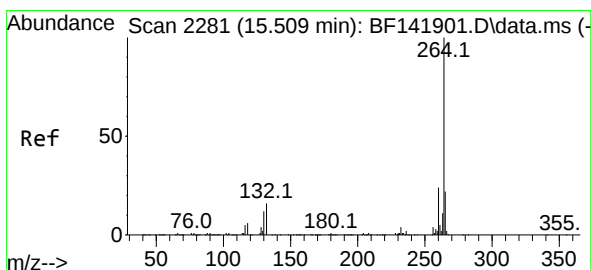
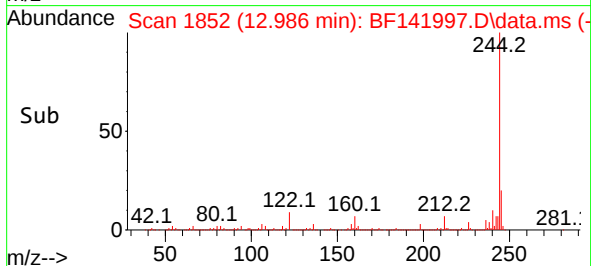
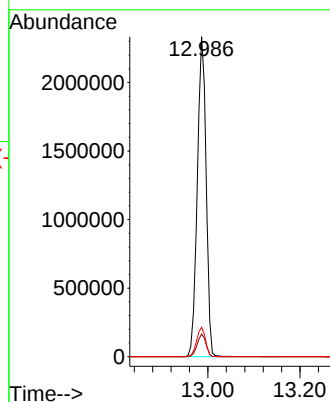
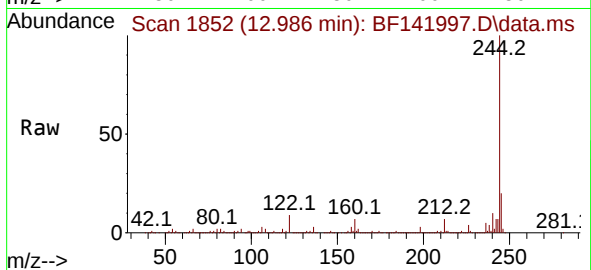
Tgt Ion:244 Resp: 3089090

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 9.2 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF141997.D

Acq: 19 Mar 2025 10:44

Tgt Ion:264 Resp: 389201

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.2 17.5 26.3

