

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141867.D
 Acq On : 06 Mar 2025 14:31
 Operator : RC/JU
 Sample : Q1478-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-AQ-MW-19B-COMP-022825

Quant Time: Mar 06 15:56:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	141755	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	556386	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	300663	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	513707	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	390038	20.000	ng	-0.02
86) Perylene-d12	15.509	264	388809	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	711569	80.164	ng	0.00
7) Phenol-d6	6.498	99	558133	48.309	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1206427	138.600	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	582616	206.405	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2195041	117.062	ng	0.00
79) Terphenyl-d14	12.986	244	2591383	107.493	ng	-0.01

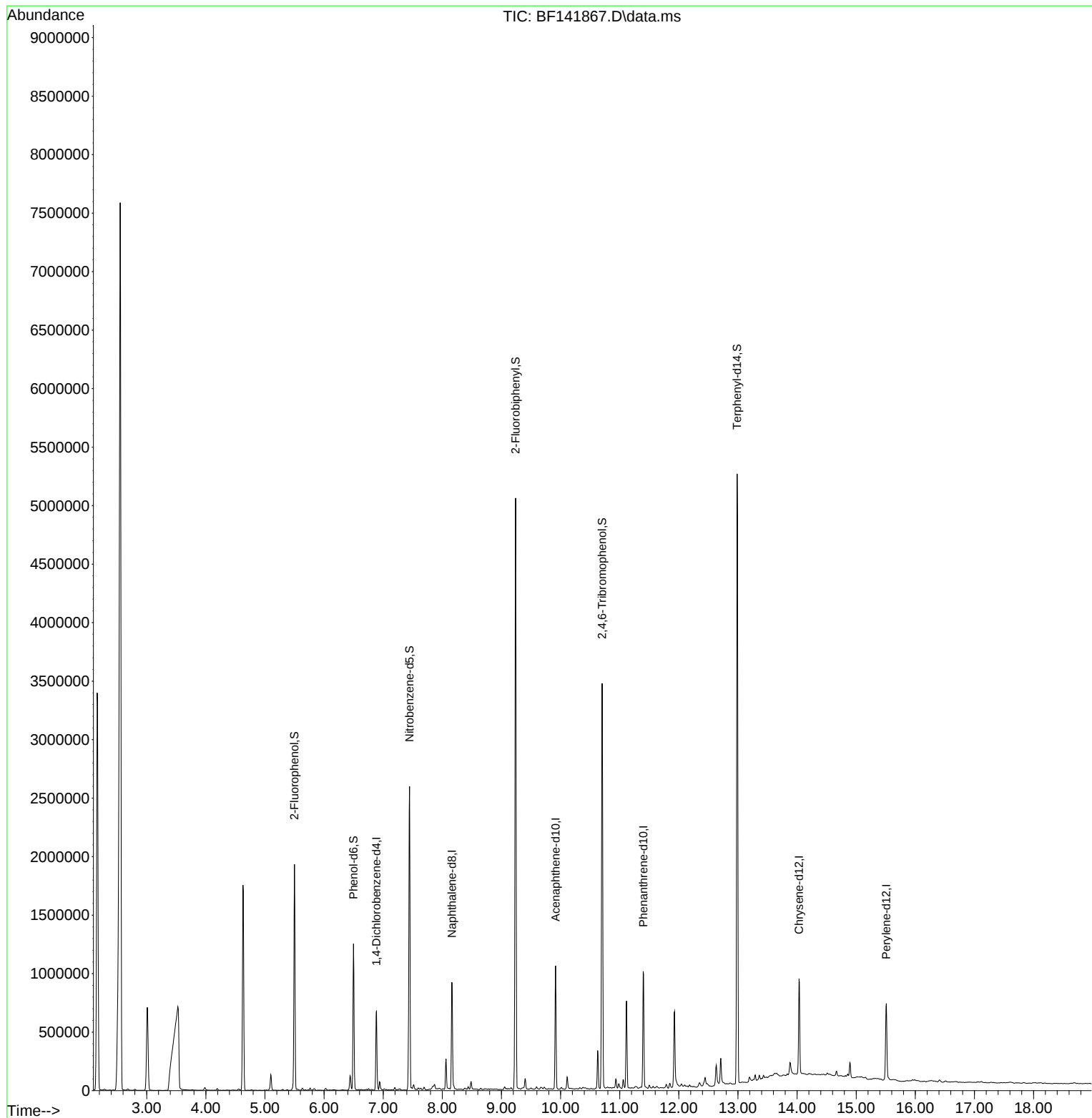
Target Compounds	Qvalue

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

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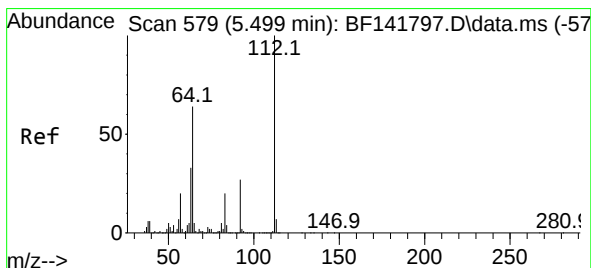
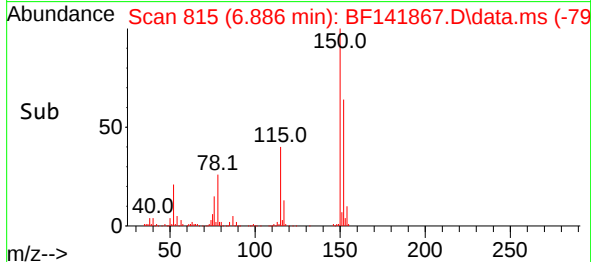
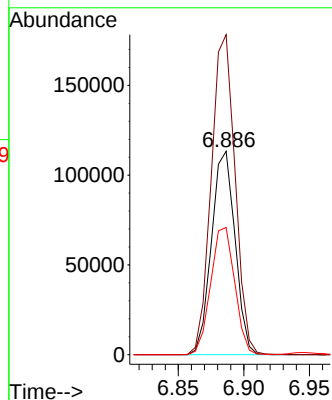
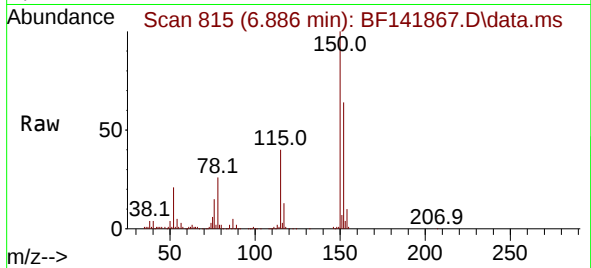




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.007 min
Lab File: BF141867.D
Acq: 06 Mar 2025 14:31

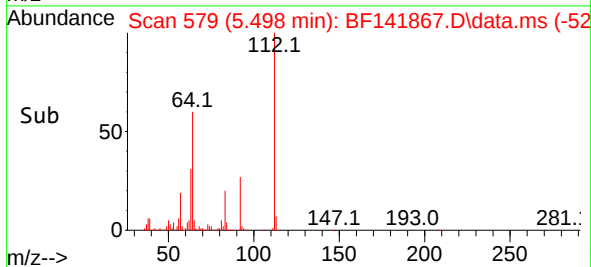
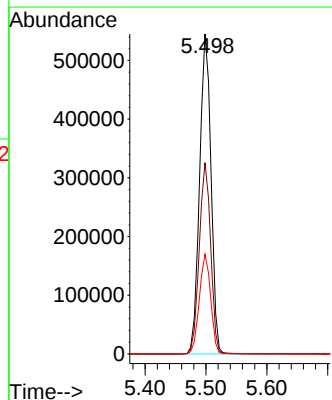
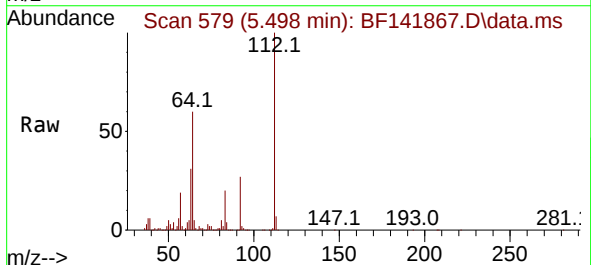
Instrument :
BNA_F
ClientSampleId :
IDW-AQ-MW-19B-COMP-022825

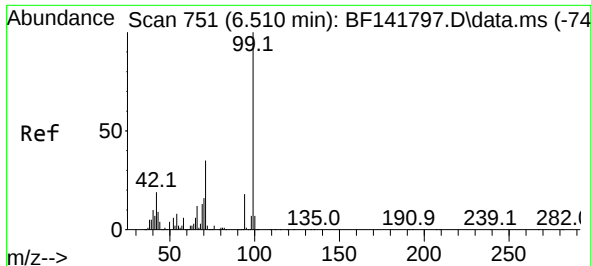
Tgt Ion:152 Resp: 141755
Ion Ratio Lower Upper
152 100
150 157.4 127.5 191.3
115 62.5 51.4 77.2



#5
2-Fluorophenol
Concen: 80.164 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF141867.D
Acq: 06 Mar 2025 14:31

Tgt Ion:112 Resp: 711569
Ion Ratio Lower Upper
112 100
64 59.8 51.3 76.9
63 31.1 26.2 39.4

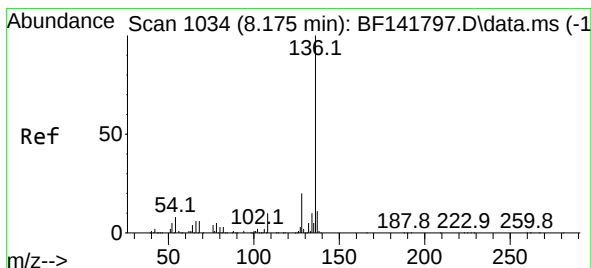
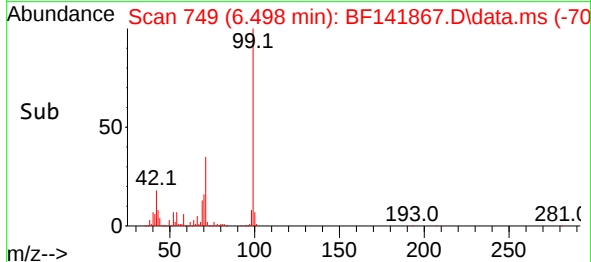
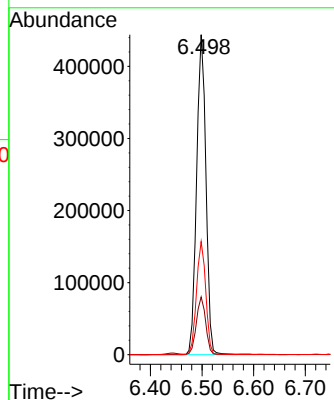
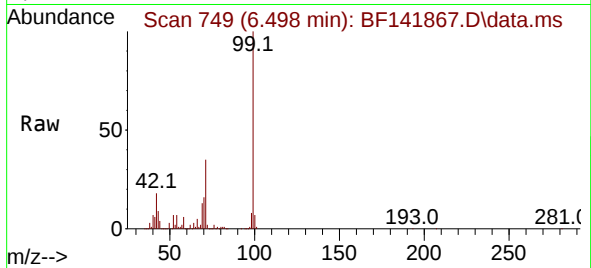




#7
Phenol-d6
Concen: 48.309 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141867.D
Acq: 06 Mar 2025 14:31

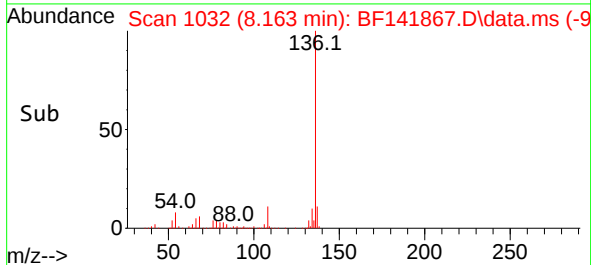
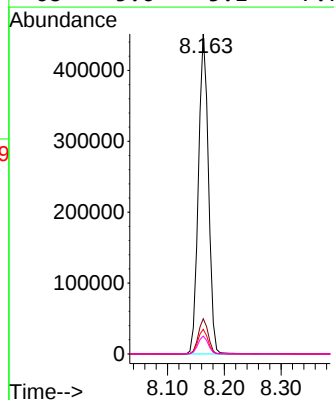
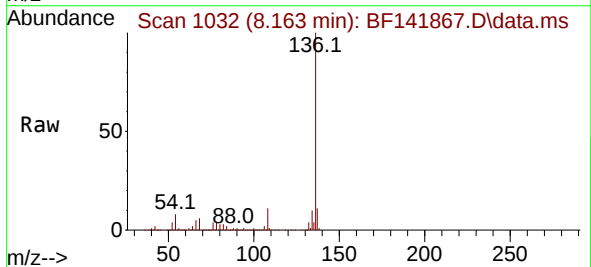
Instrument :
BNA_F
ClientSampleId :
IDW-AQ-MW-19B-COMP-022825

Tgt Ion: 99 Resp: 558133
Ion Ratio Lower Upper
99 100
42 18.0 15.2 22.8
71 35.3 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141867.D
Acq: 06 Mar 2025 14:31

Tgt Ion:136 Resp: 556386
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.7 6.9 10.3
68 5.6 5.1 7.7

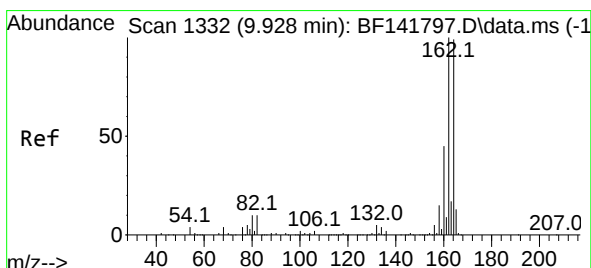
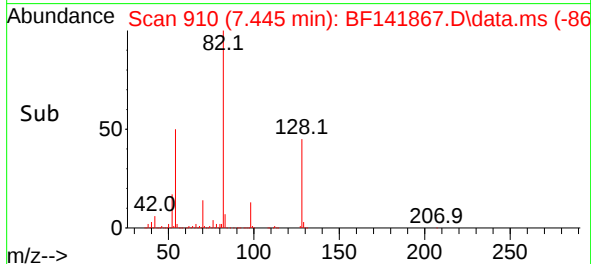
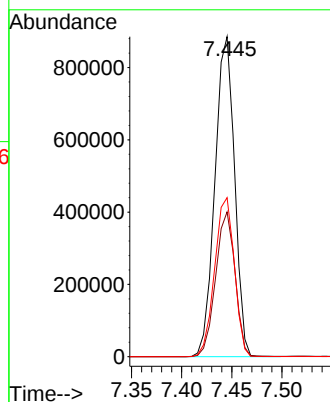
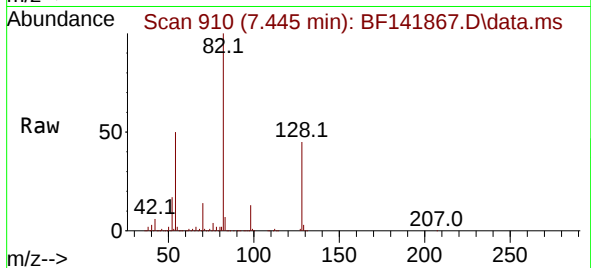




#23
Nitrobenzene-d5
Concen: 138.600 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141867.D
Acq: 06 Mar 2025 14:31

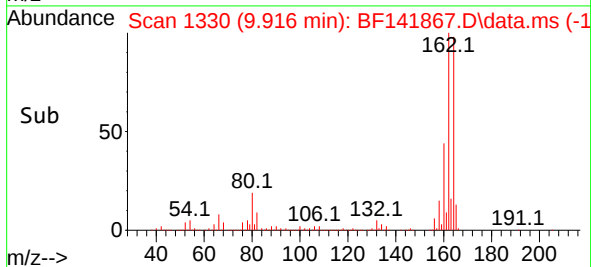
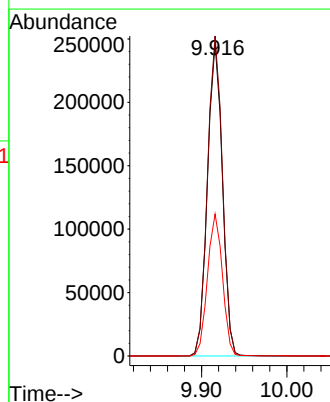
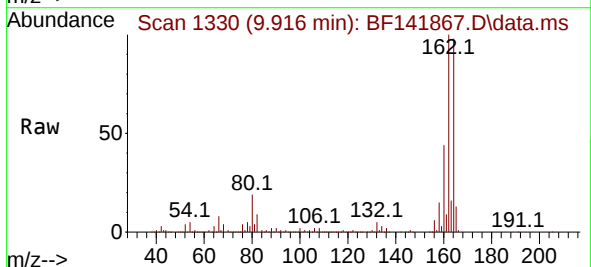
Instrument :
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ClientSampleId :
IDW-AQ-MW-19B-COMP-022825

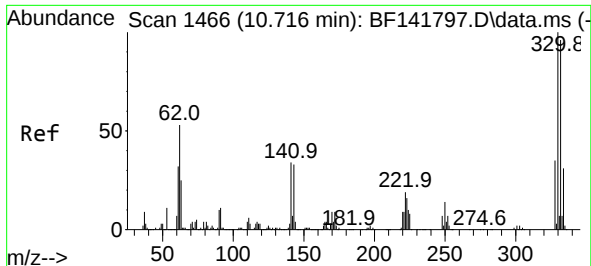
Tgt Ion: 82 Resp: 1206427
Ion Ratio Lower Upper
82 100
128 45.2 33.5 50.3
54 49.7 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF141867.D
Acq: 06 Mar 2025 14:31

Tgt Ion: 164 Resp: 300663
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 45.4 36.3 54.5

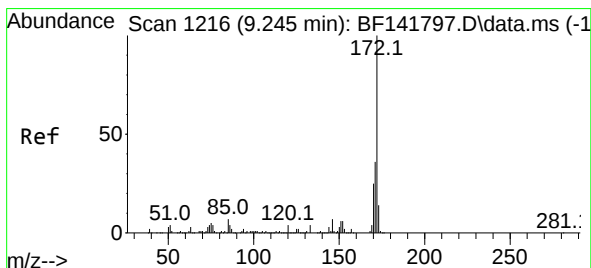
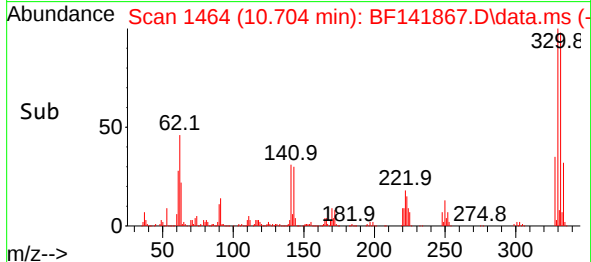
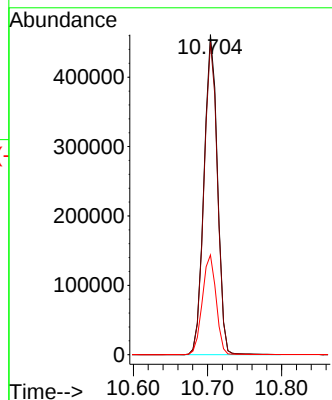
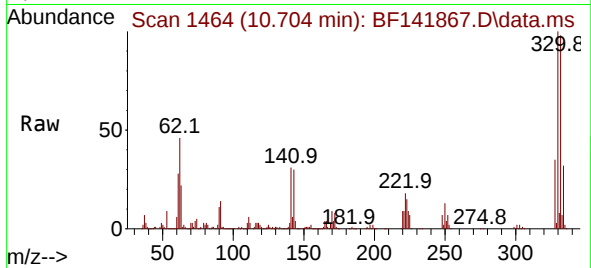




#42
2,4,6-Tribromophenol
Concen: 206.405 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF141867.D
Acq: 06 Mar 2025 14:31

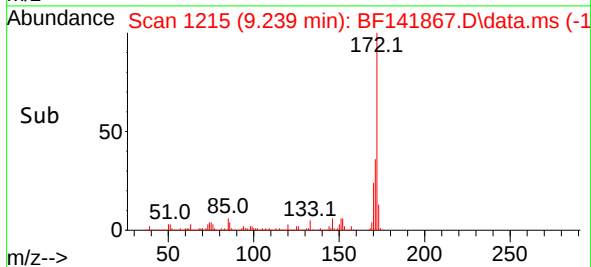
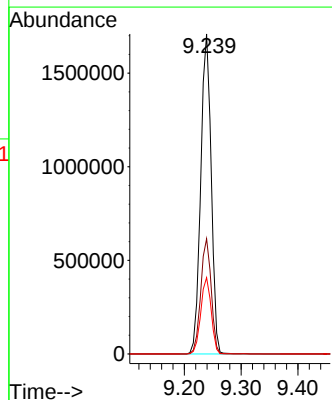
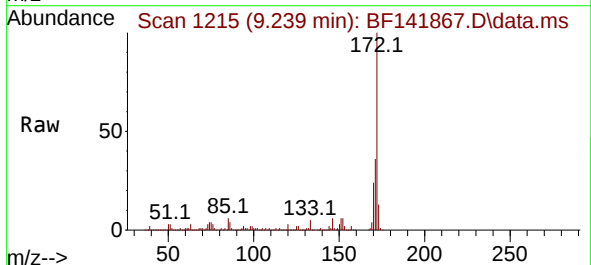
Instrument :
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ClientSampleId :
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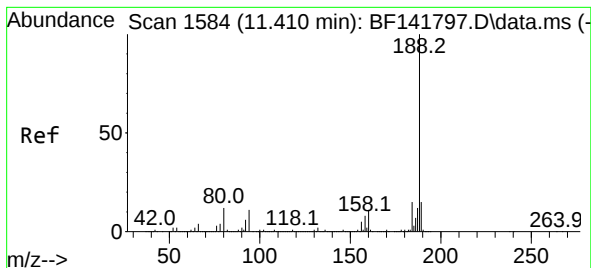
Tgt Ion:330 Resp: 582616
Ion Ratio Lower Upper
330 100
332 97.7 76.6 115.0
141 31.9 29.0 43.4



#45
2-Fluorobiphenyl
Concen: 117.062 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF141867.D
Acq: 06 Mar 2025 14:31

Tgt Ion:172 Resp: 2195041
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 23.9 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141867.D

Acq: 06 Mar 2025 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-AQ-MW-19B-COMP-022825

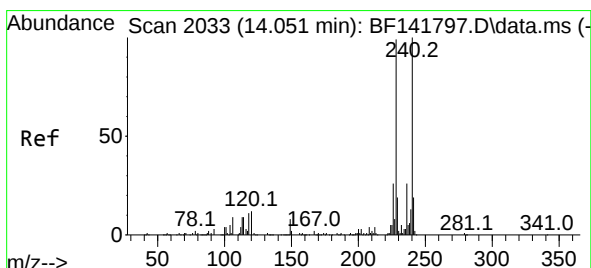
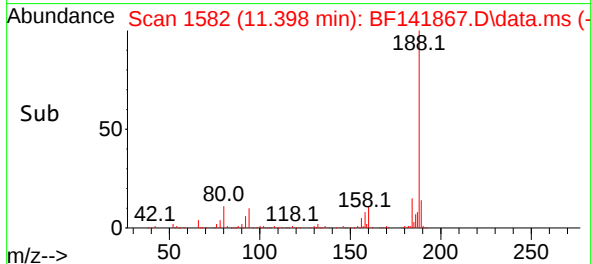
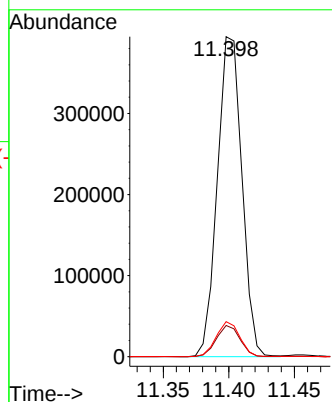
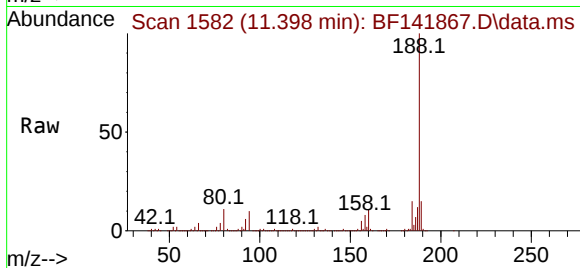
Tgt Ion:188 Resp: 513707

Ion Ratio Lower Upper

188 100

94 9.7 8.9 13.3

80 10.9 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.018 min

Lab File: BF141867.D

Acq: 06 Mar 2025 14:31

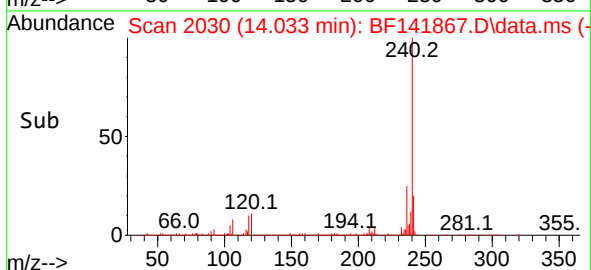
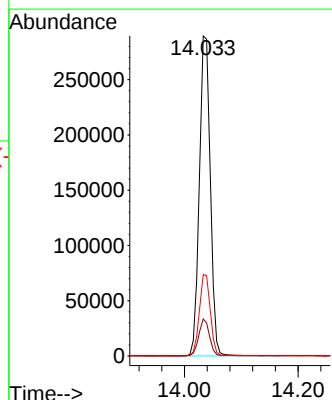
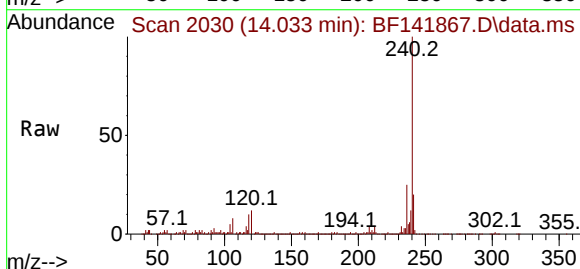
Tgt Ion:240 Resp: 390038

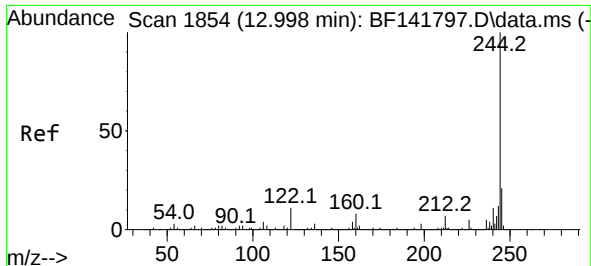
Ion Ratio Lower Upper

240 100

120 11.6 9.7 14.5

236 25.4 21.0 31.4

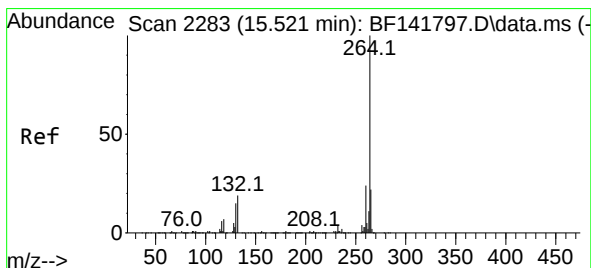
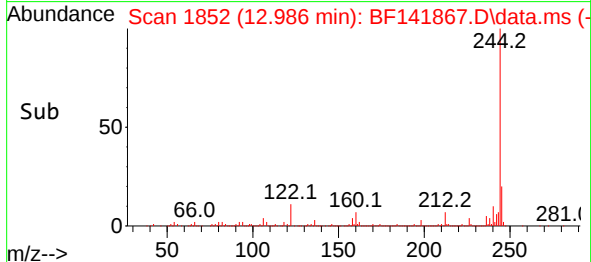
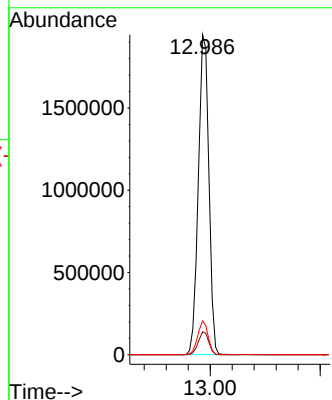
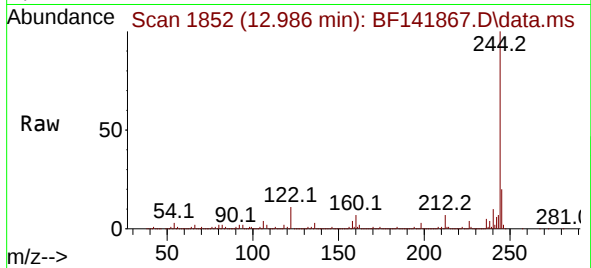




#79
 Terphenyl-d14
 Concen: 107.493 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.012 min
 Lab File: BF141867.D
 Acq: 06 Mar 2025 14:31

Instrument :
 BNA_F
 ClientSampleId :
 IDW-AQ-MW-19B-COMP-022825

Tgt Ion:244 Resp: 2591383
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.6 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. -0.012 min
 Lab File: BF141867.D
 Acq: 06 Mar 2025 14:31

Tgt Ion:264 Resp: 388809
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 21.1 17.4 26.0

