

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030725\
 Data File : BF141895.D
 Acq On : 07 Mar 2025 19:29
 Operator : RC/JU
 Sample : Q1490-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLAY-SLUDGE-DRUMS

Quant Time: Mar 07 21:47:59 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	6.887	152	137118	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	533274	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	282133	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	473749	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	396023	20.000	ng	-0.01
86) Perylene-d12	15.510	264	424561	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	990999	115.420	ng	0.01
7) Phenol-d6	6.504	99	1146449	102.586	ng	0.00
23) Nitrobenzene-d5	7.445	82	869366	104.205	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	448075	169.167	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1661290	94.416	ng	0.00
79) Terphenyl-d14	12.986	244	1855701	75.813	ng	-0.01

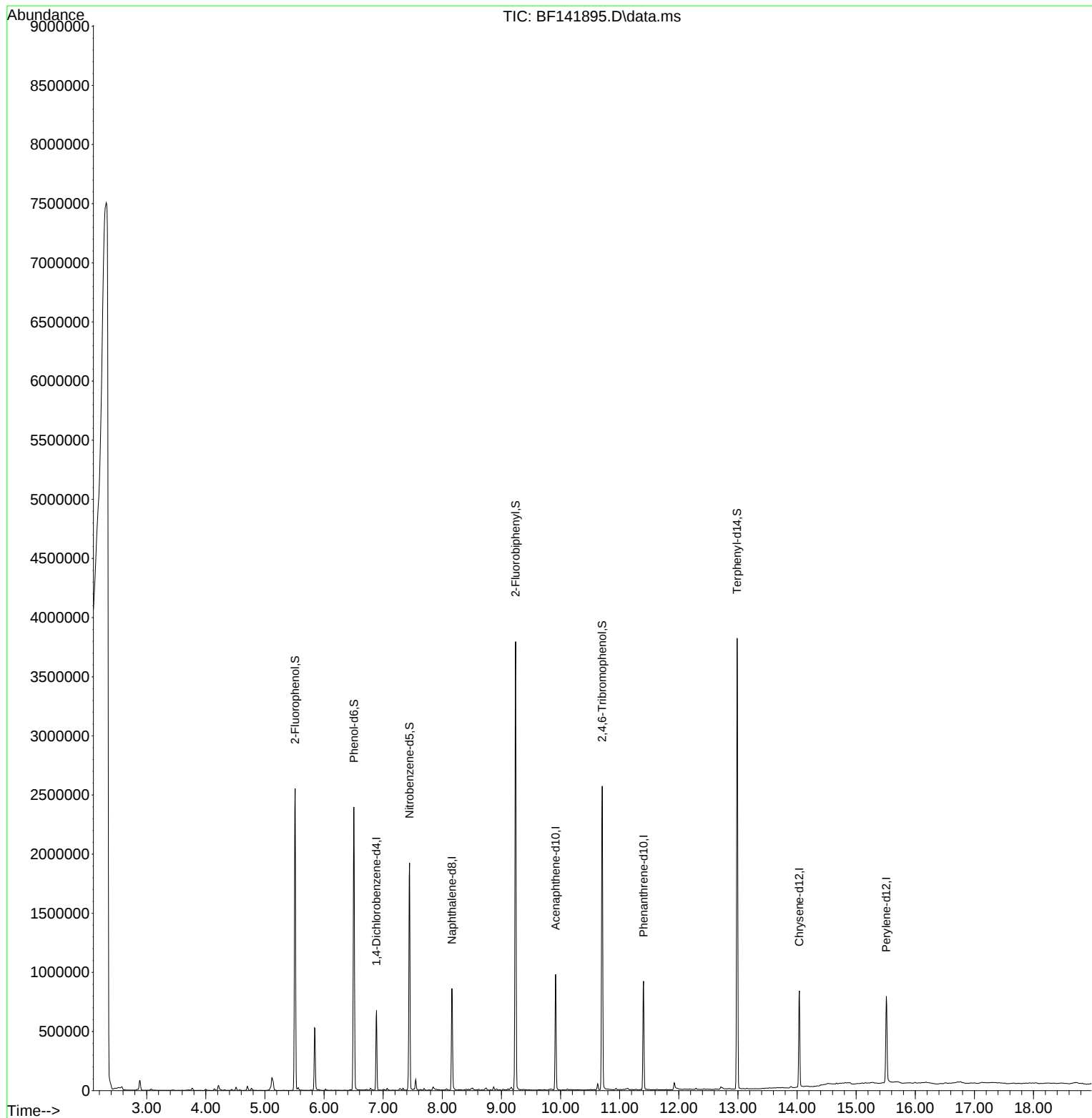
Target Compounds	Qvalue

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

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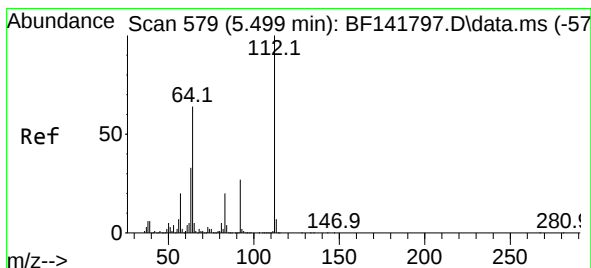
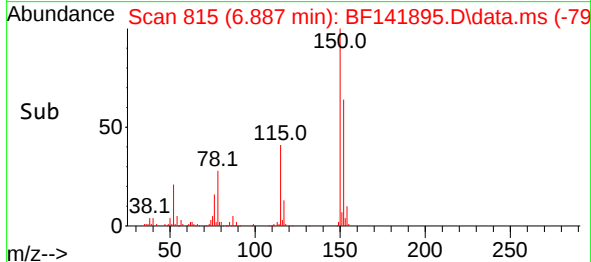
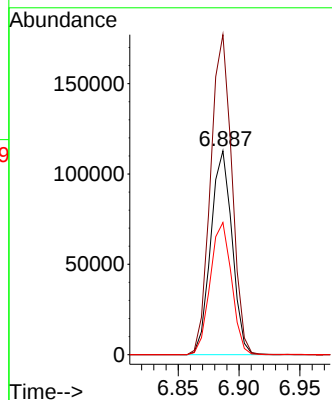
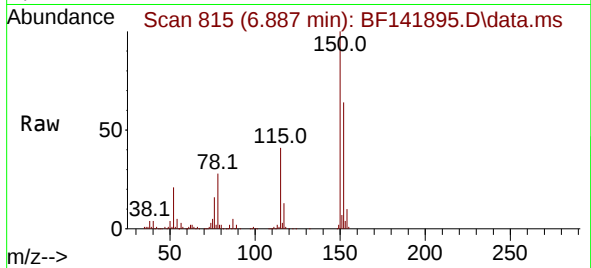




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF141895.D
Acq: 07 Mar 2025 19:29

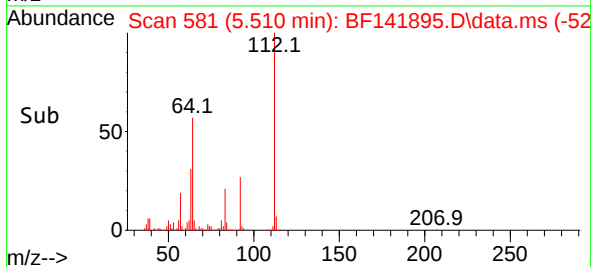
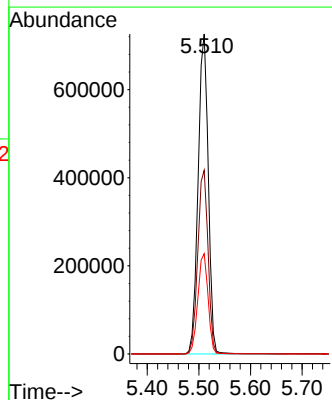
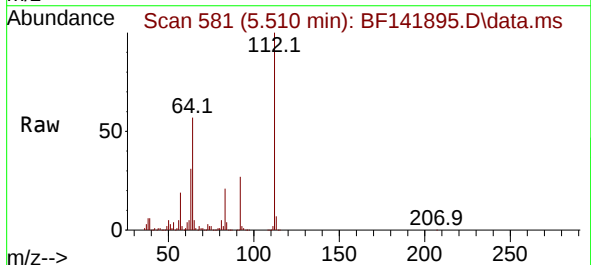
Instrument :
BNA_F
ClientSampleId :
CLAY-SLUDGE-DRUMS

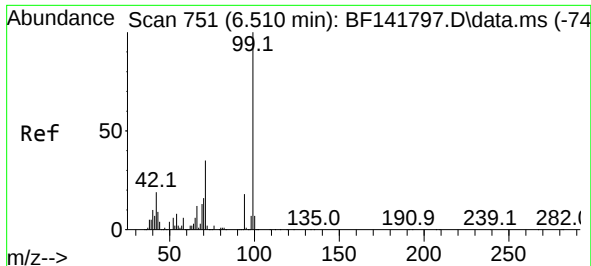
Tgt Ion:152 Resp: 137118
Ion Ratio Lower Upper
152 100
150 156.9 127.5 191.3
115 64.8 51.4 77.2



#5
2-Fluorophenol
Concen: 115.420 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF141895.D
Acq: 07 Mar 2025 19:29

Tgt Ion:112 Resp: 990999
Ion Ratio Lower Upper
112 100
64 57.4 51.3 76.9
63 31.3 26.2 39.4

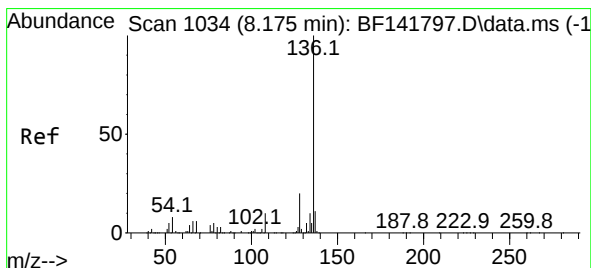
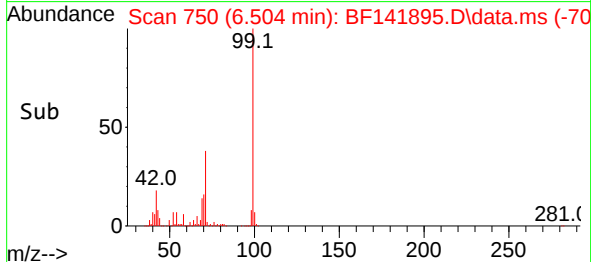
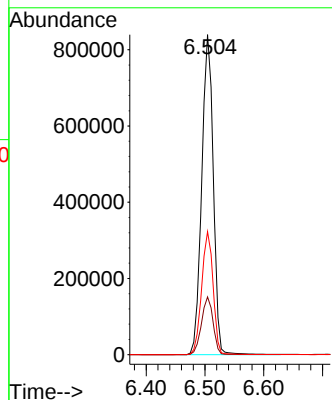
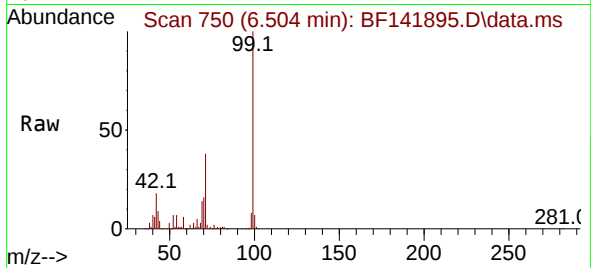




#7
Phenol-d6
Concen: 102.586 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141895.D
Acq: 07 Mar 2025 19:29

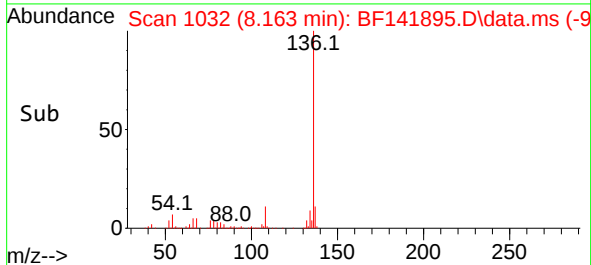
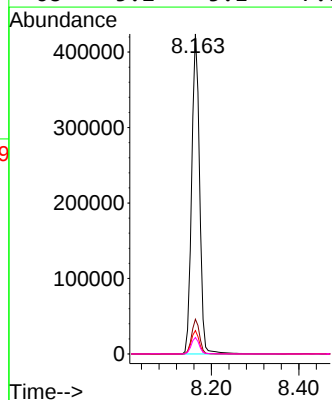
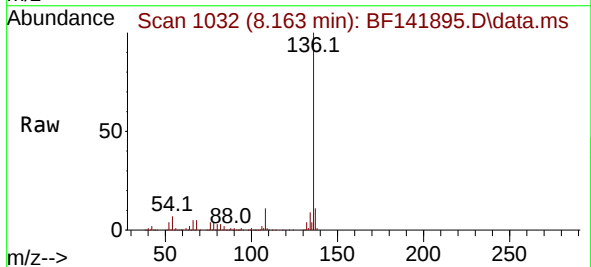
Instrument :
BNA_F
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 99 Resp: 1146449
Ion Ratio Lower Upper
99 100
42 18.0 15.2 22.8
71 38.5 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: BF141895.D
Acq: 07 Mar 2025 19:29

Tgt Ion:136 Resp: 533274
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.3 6.9 10.3
68 5.2 5.1 7.7

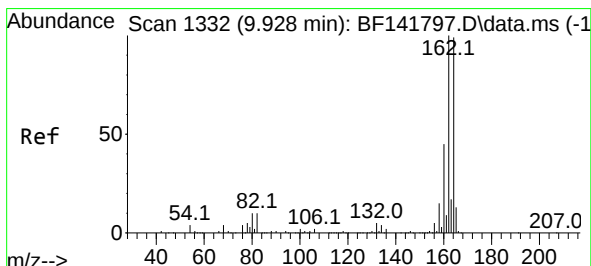
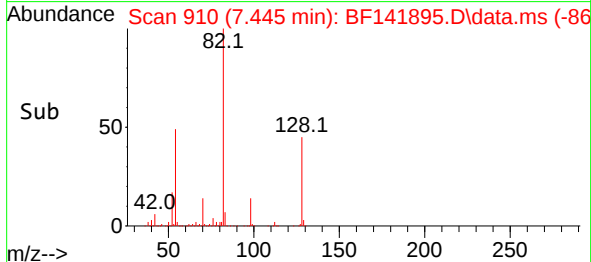
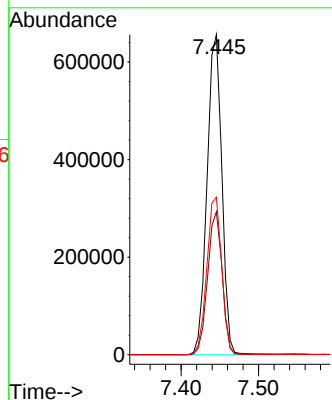
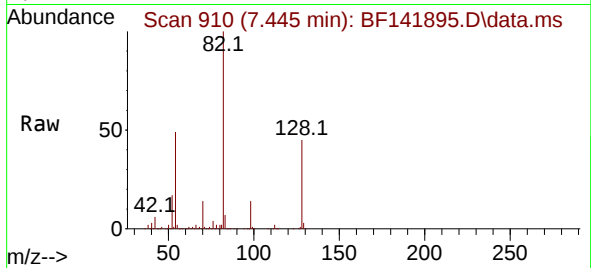




#23
Nitrobenzene-d5
Concen: 104.205 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141895.D
Acq: 07 Mar 2025 19:29

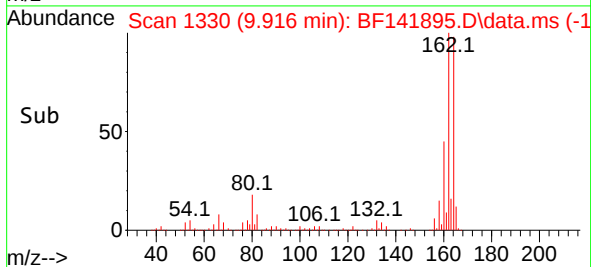
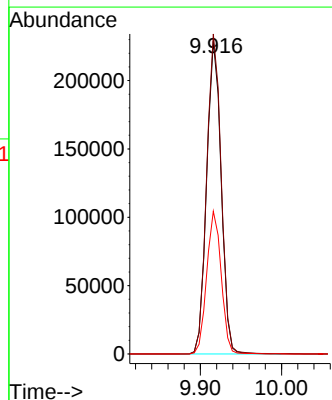
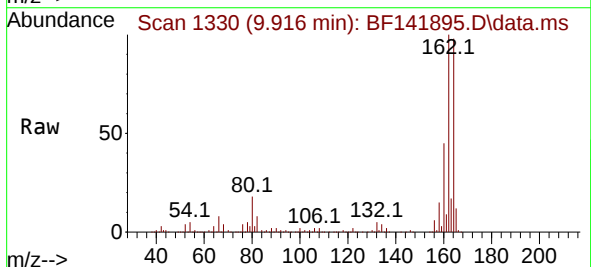
Instrument :
BNA_F
ClientSampleId :
CLAY-SLUDGE-DRUMS

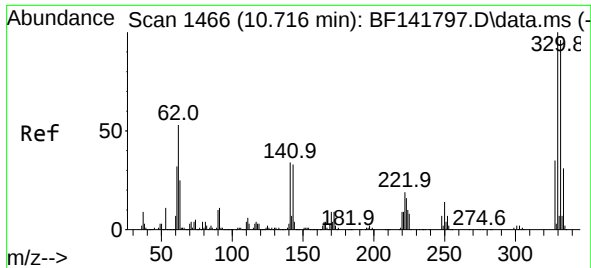
Tgt Ion: 82 Resp: 869366
Ion Ratio Lower Upper
82 100
128 44.7 33.5 50.3
54 49.2 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF141895.D
Acq: 07 Mar 2025 19:29

Tgt Ion: 164 Resp: 282133
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 45.6 36.3 54.5

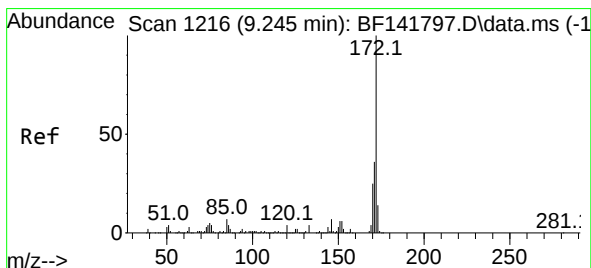
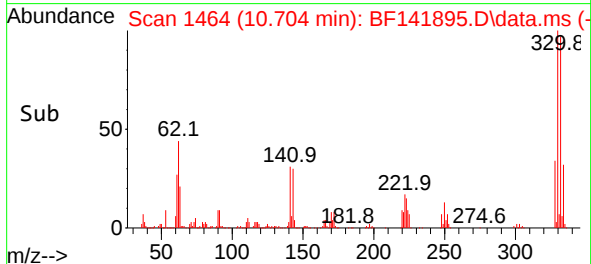
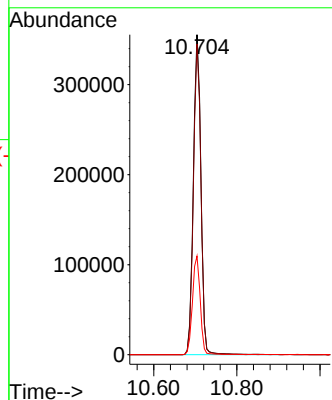
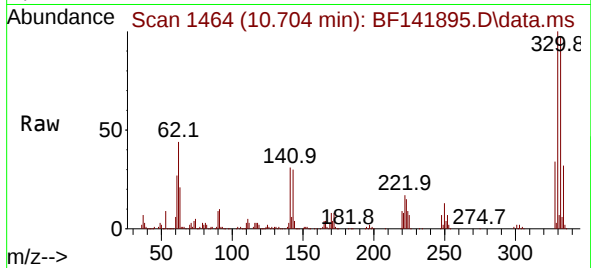




#42
 2,4,6-Tribromophenol
 Concen: 169.167 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. -0.012 min
 Lab File: BF141895.D
 Acq: 07 Mar 2025 19:29

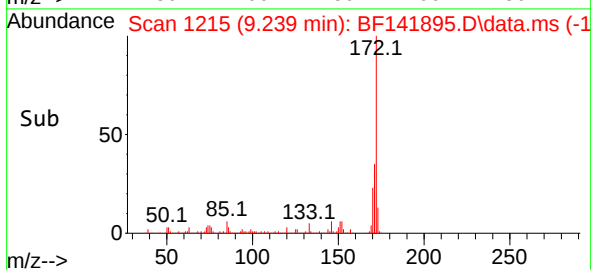
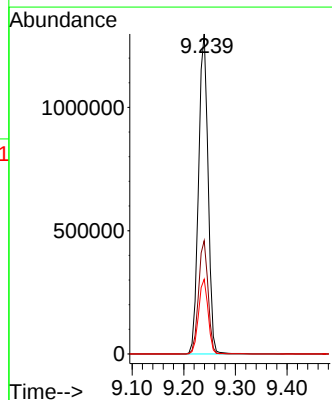
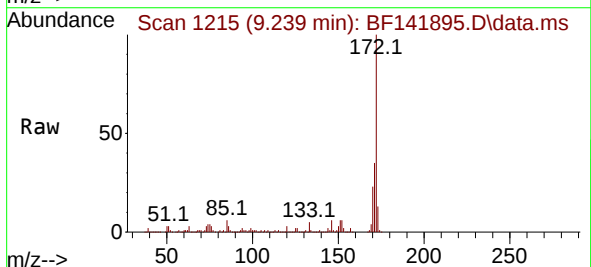
Instrument :
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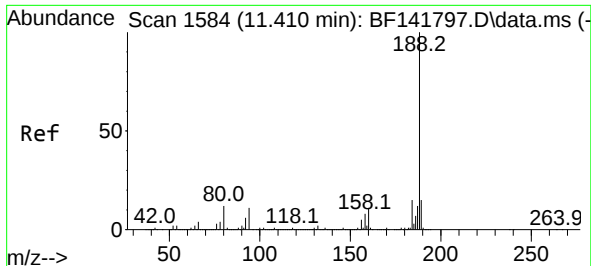
Tgt Ion:330 Resp: 448075
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 31.7 29.0 43.4



#45
 2-Fluorobiphenyl
 Concen: 94.416 ng
 RT: 9.239 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: BF141895.D
 Acq: 07 Mar 2025 19:29

Tgt Ion:172 Resp: 1661290
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.2 43.8
 170 23.4 19.7 29.5

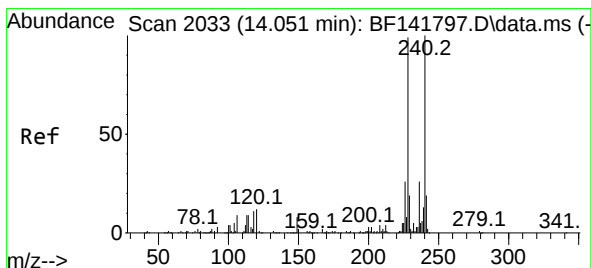
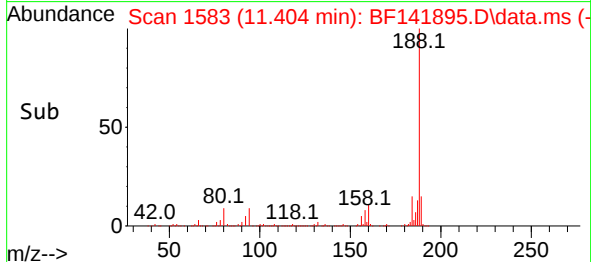
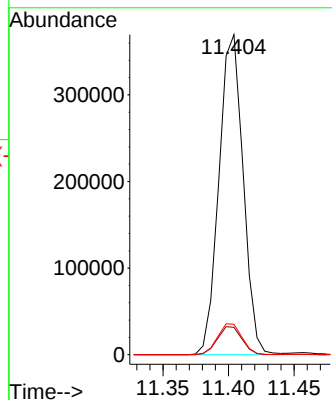
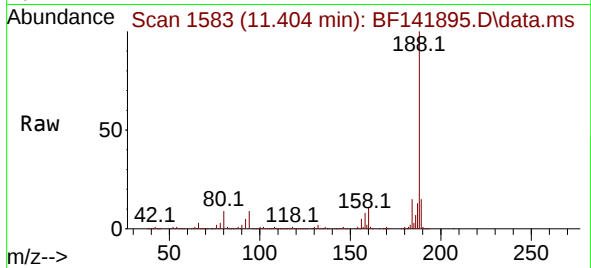




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141895.D
Acq: 07 Mar 2025 19:29

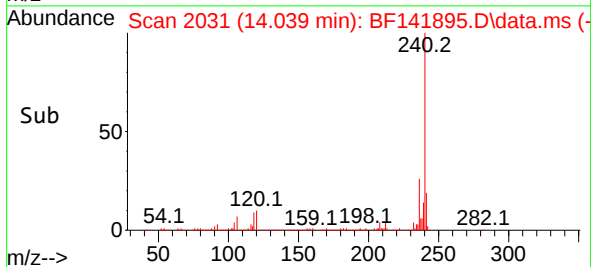
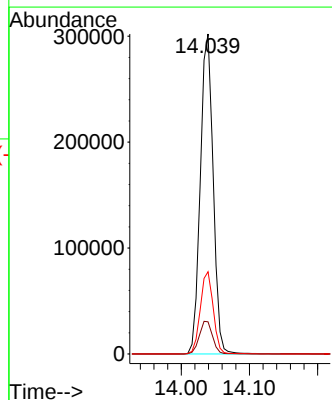
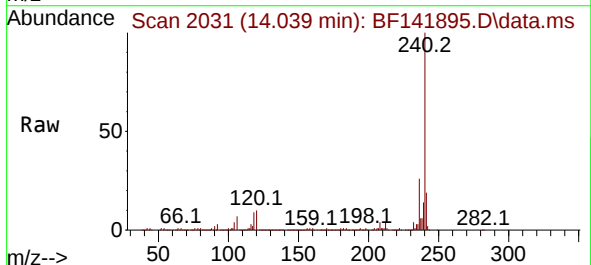
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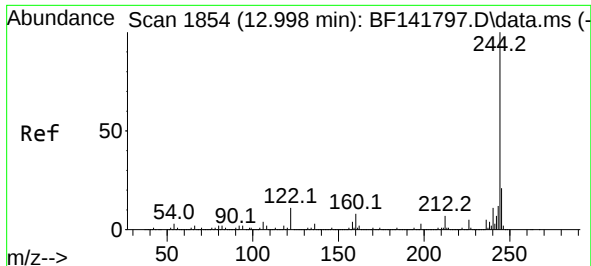
Tgt Ion:188 Resp: 473749
Ion Ratio Lower Upper
188 100
94 8.6 8.9 13.3#
80 9.5 9.7 14.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141895.D
Acq: 07 Mar 2025 19:29

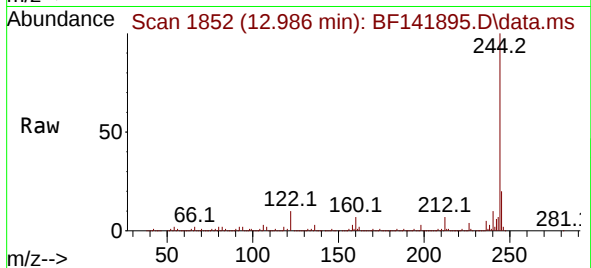
Tgt Ion:240 Resp: 396023
Ion Ratio Lower Upper
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120 10.1 9.7 14.5
236 25.7 21.0 31.4



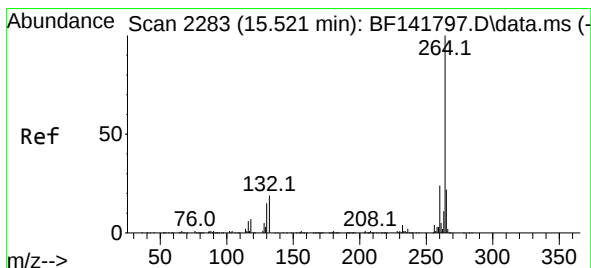
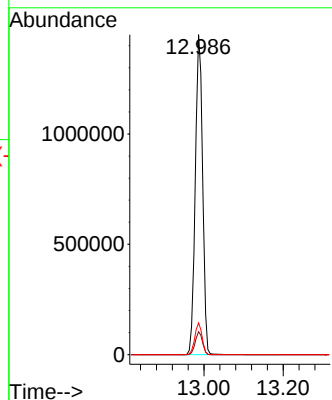
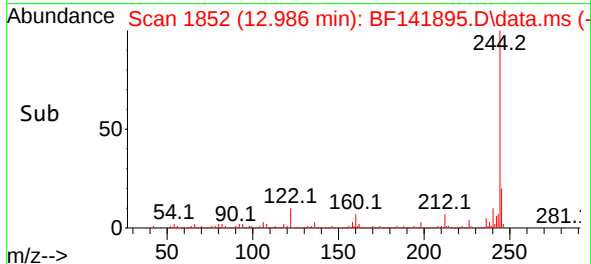


#79
 Terphenyl-d14
 Concen: 75.813 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.012 min
 Lab File: BF141895.D
 Acq: 07 Mar 2025 19:29

Instrument :
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 ClientSampleId :
 CLAY-SLUDGE-DRUMS



Tgt Ion:244 Resp: 1855701
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. -0.012 min
 Lab File: BF141895.D
 Acq: 07 Mar 2025 19:29

Tgt Ion:264 Resp: 424561
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 22.1 17.4 26.0

