

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143448.D
 Acq On : 19 Aug 2025 11:06
 Operator : RC/JU
 Sample : Q2873-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRILL CUTTING 1-3 COMP

Quant Time: Aug 19 12:04:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

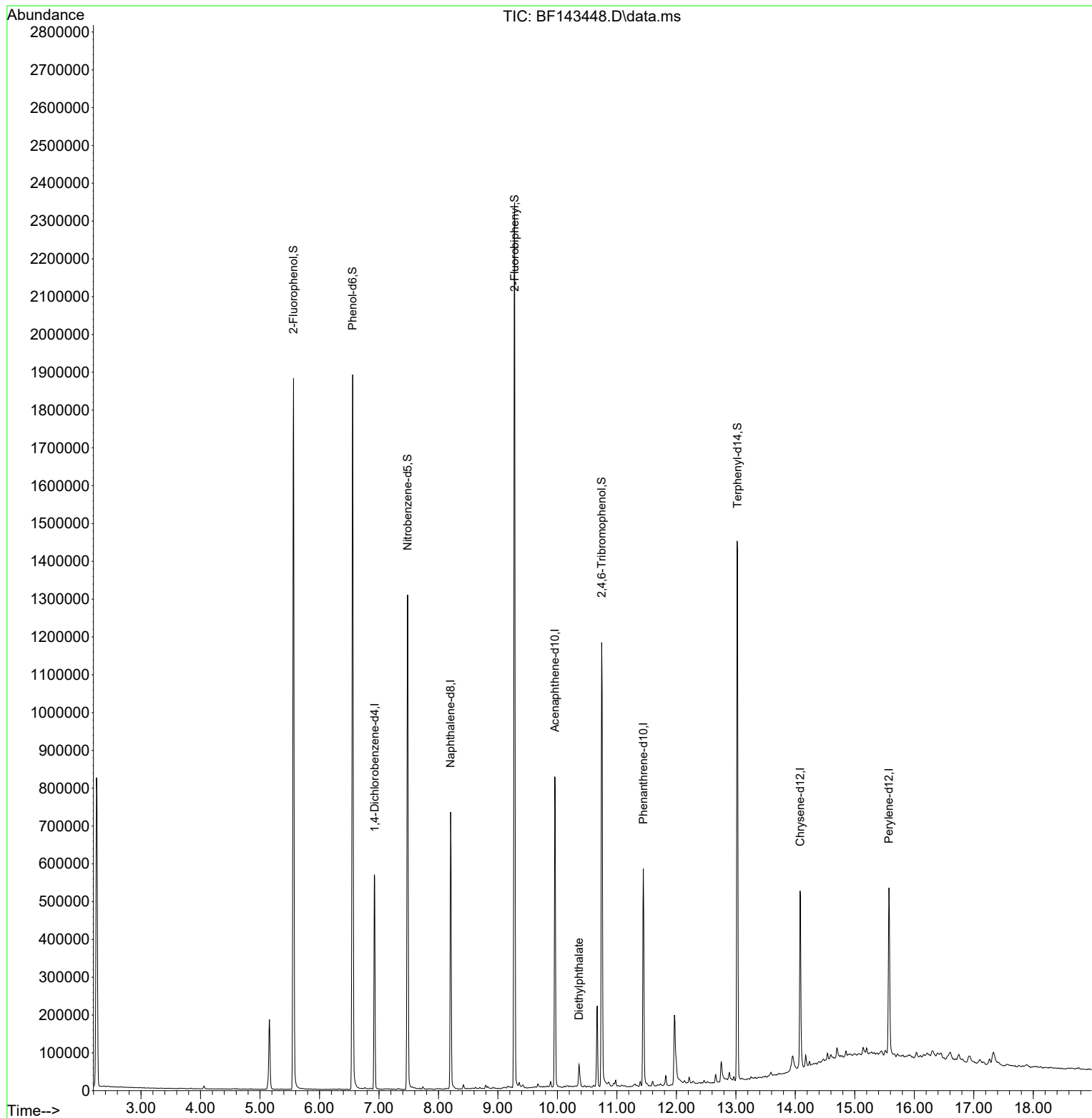
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	121418	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	455603	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	246737	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	297054	20.000	ng	0.00
76) Chrysene-d12	14.080	240	241401	20.000	ng	0.00
86) Perylene-d12	15.574	264	268473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	694487	99.429	ng	0.00
7) Phenol-d6	6.557	99	869879	98.823	ng	0.00
23) Nitrobenzene-d5	7.481	82	565430	73.643	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	208886	95.115	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1060437	72.289	ng	0.00
79) Terphenyl-d14	13.027	244	714638	49.730	ng	0.00
Target Compounds						
60) Diethylphthalate	10.363	149	36389	2.560	ng	Qvalue 99

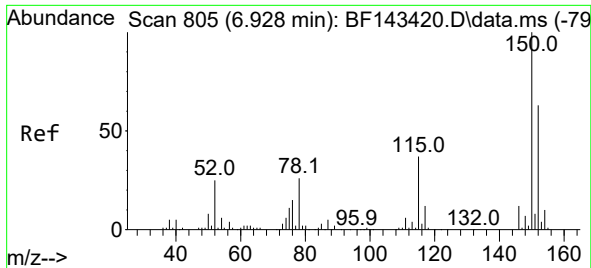
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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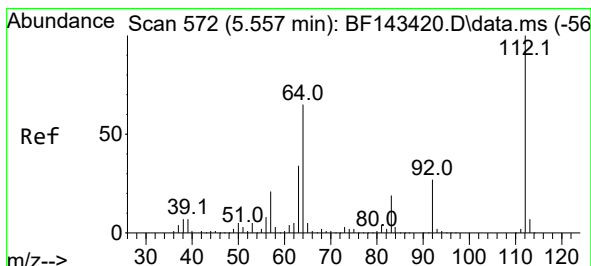
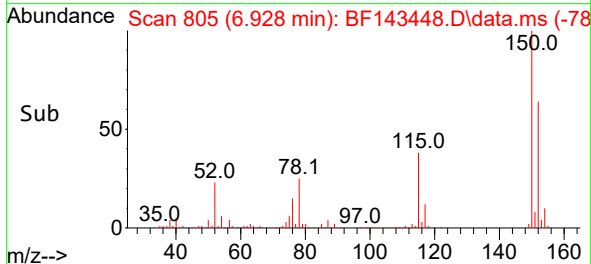
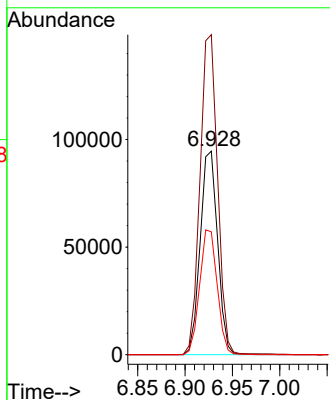
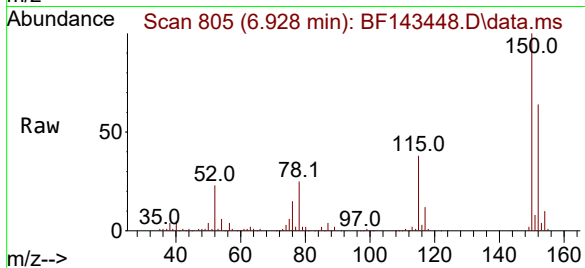




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143448.D
Acq: 19 Aug 2025 11:06

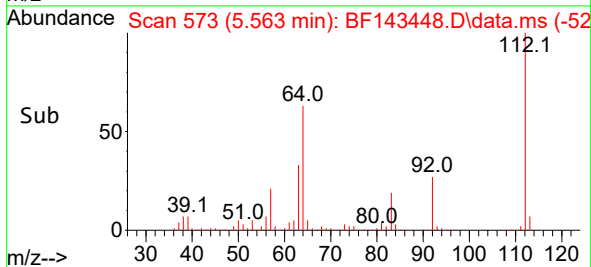
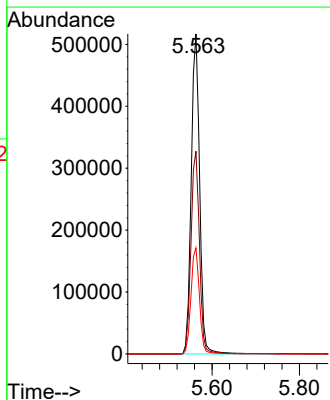
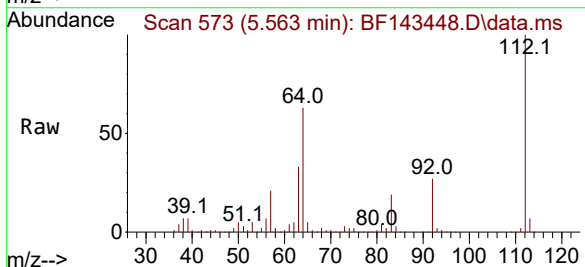
Instrument :
BNA_F
ClientSampleId :
DRILL CUTTING 1-3 COMP

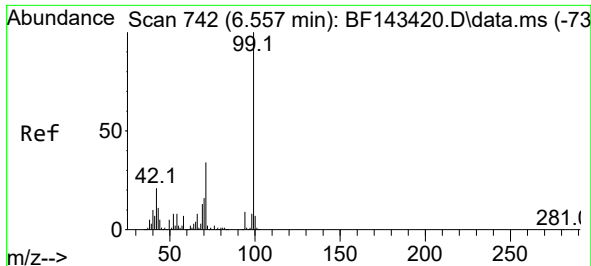
Tgt Ion:152 Resp: 121418
Ion Ratio Lower Upper
152 100
150 157.2 127.4 191.2
115 60.3 47.5 71.3



#5
2-Fluorophenol
Concen: 99.429 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF143448.D
Acq: 19 Aug 2025 11:06

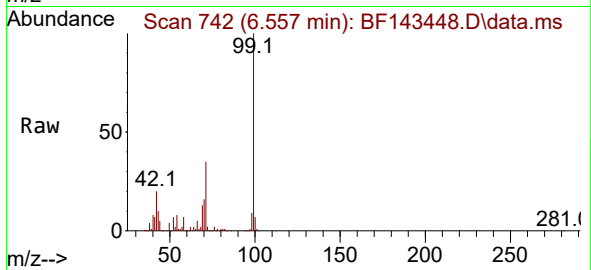
Tgt Ion:112 Resp: 694487
Ion Ratio Lower Upper
112 100
64 63.3 52.2 78.2
63 33.1 27.0 40.6



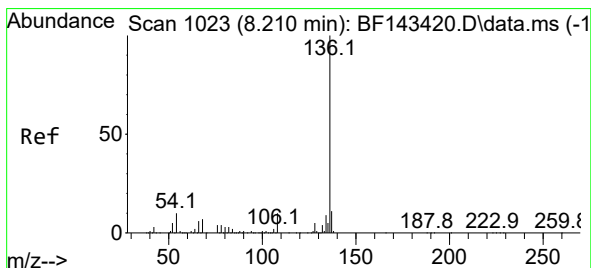
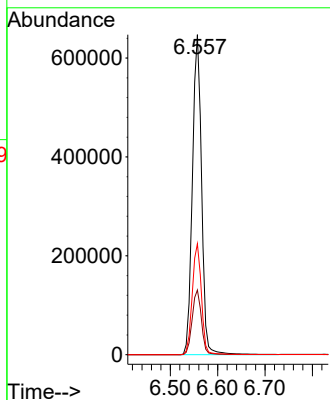
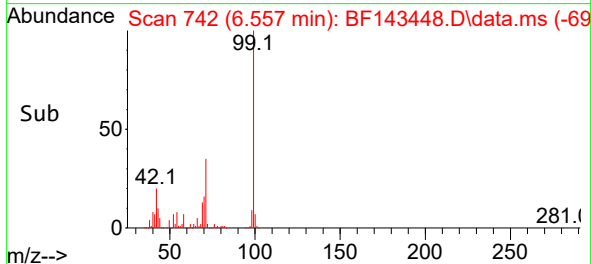


#7
Phenol-d6
Concen: 98.823 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF143448.D
Acq: 19 Aug 2025 11:06

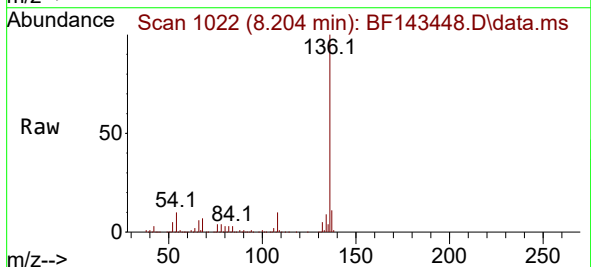
Instrument :
BNA_F
ClientSampleId :
DRILL CUTTING 1-3 COMP



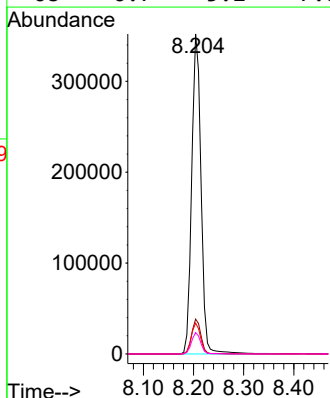
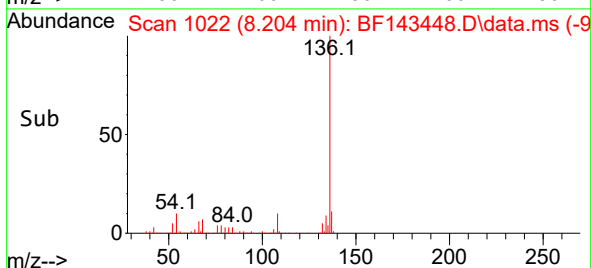
Tgt Ion: 99 Resp: 869879
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 34.7 27.4 41.2

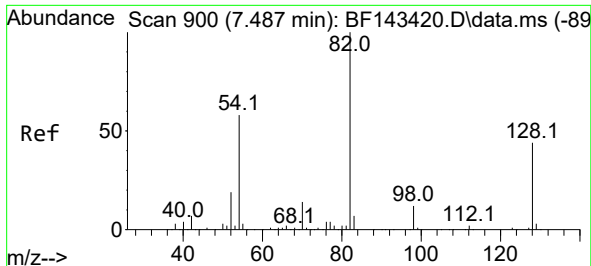


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143448.D
Acq: 19 Aug 2025 11:06



Tgt Ion: 136 Resp: 455603
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.7 7.8 11.8
68 6.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 73.643 ng

RT: 7.481 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143448.D

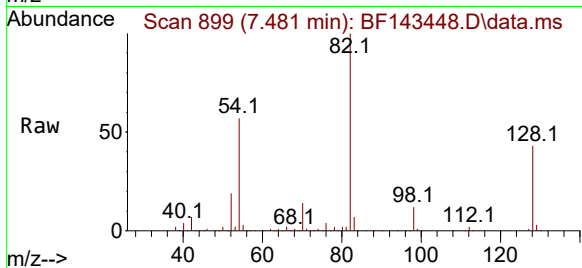
Acq: 19 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

DRILL CUTTING 1-3 COMP



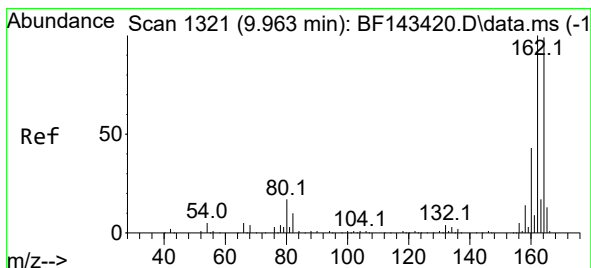
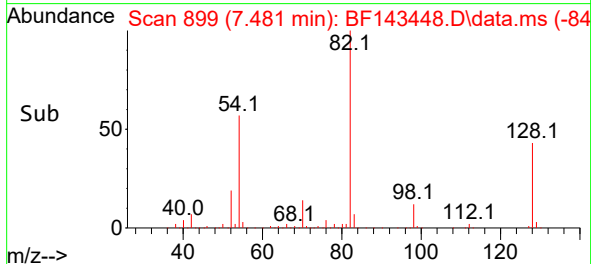
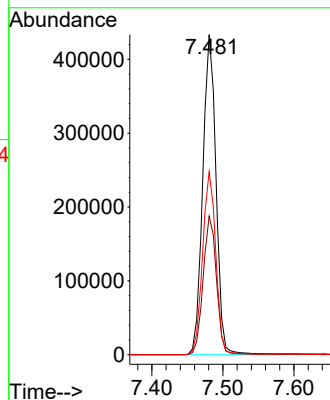
Tgt Ion: 82 Resp: 565430

Ion Ratio Lower Upper

82 100

128 43.3 34.6 52.0

54 57.2 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF143448.D

Acq: 19 Aug 2025 11:06

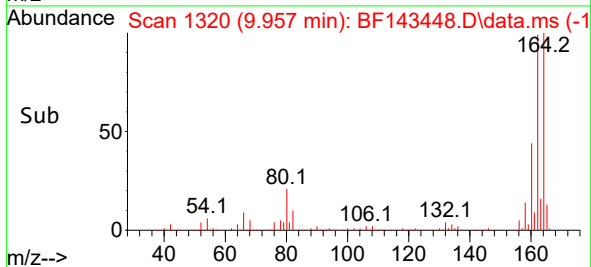
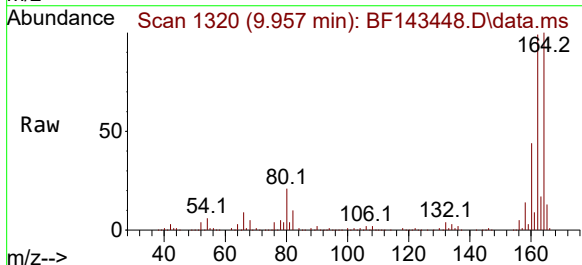
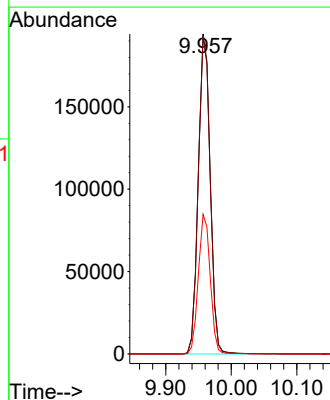
Tgt Ion:164 Resp: 246737

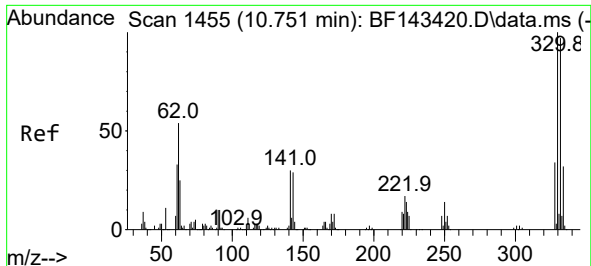
Ion Ratio Lower Upper

164 100

162 99.3 80.6 121.0

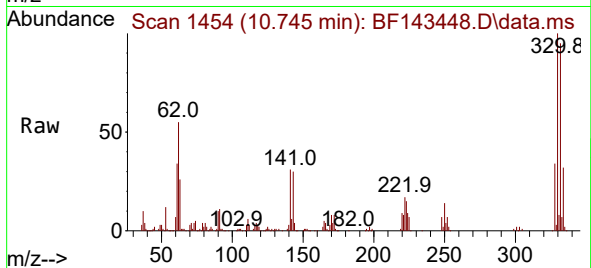
160 43.6 34.6 51.8



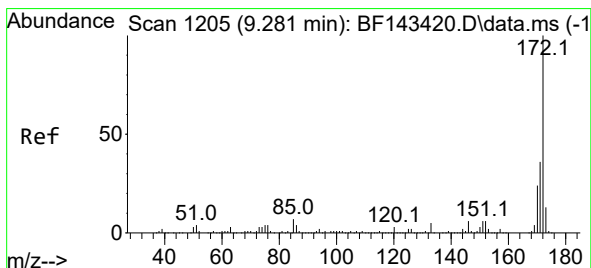
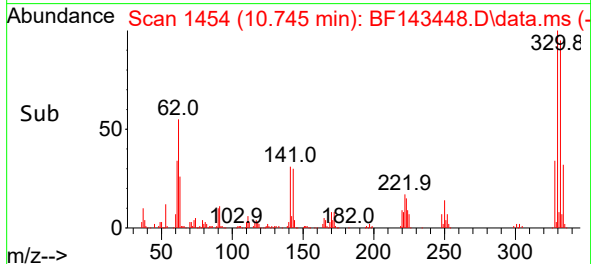
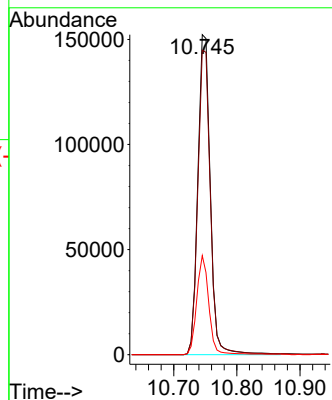


#42
2,4,6-Tribromophenol
Concen: 95.115 ng
RT: 10.745 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF143448.D
Acq: 19 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
DRILL CUTTING 1-3 COMP

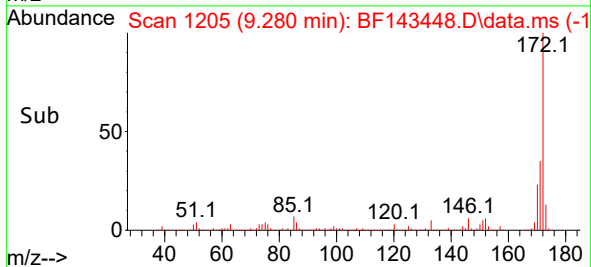
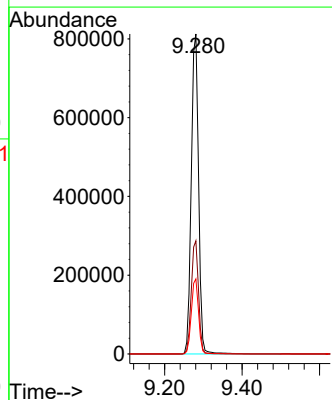
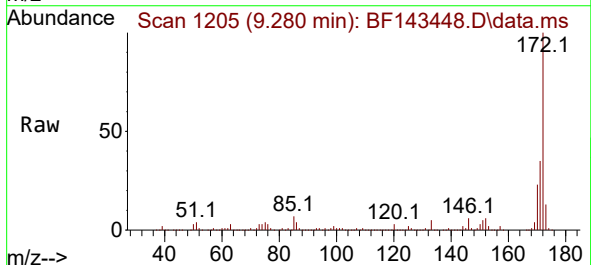


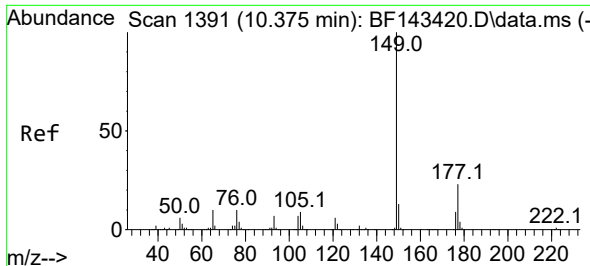
Tgt Ion: 330 Resp: 208886
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 30.1 24.1 36.1



#45
2-Fluorobiphenyl
Concen: 72.289 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143448.D
Acq: 19 Aug 2025 11:06

Tgt Ion: 172 Resp: 1060437
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.5 19.0 28.6

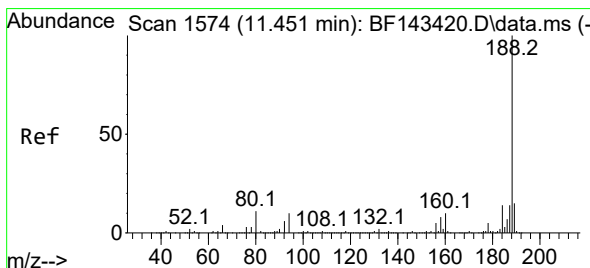
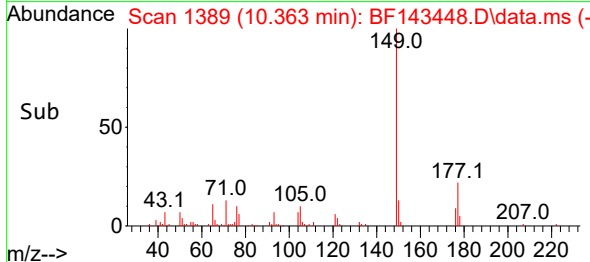
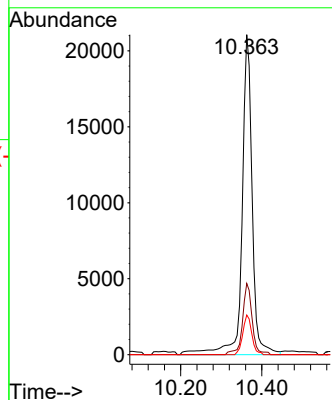
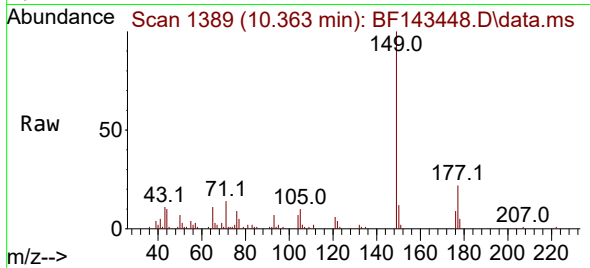




#60
Diethylphthalate
Concen: 2.560 ng
RT: 10.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143448.D
Acq: 19 Aug 2025 11:06

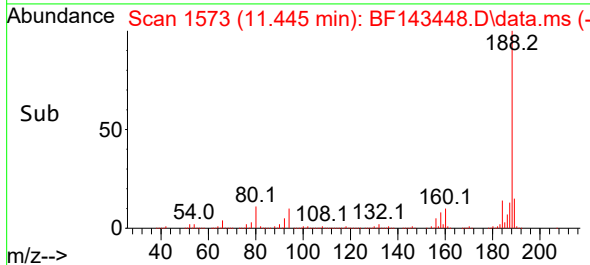
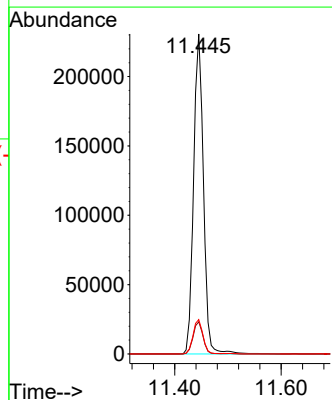
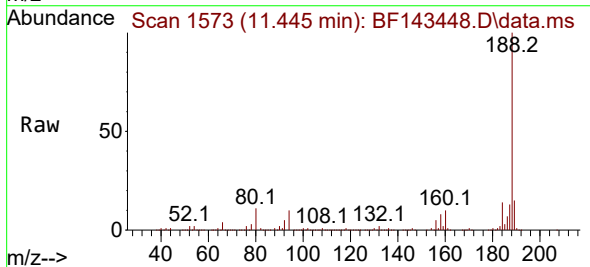
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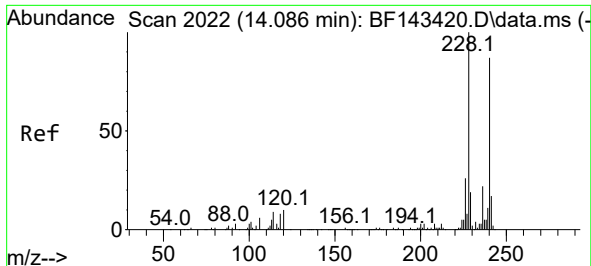
Tgt Ion:149 Resp: 36389
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.4
150 12.4 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF143448.D
Acq: 19 Aug 2025 11:06

Tgt Ion:188 Resp: 297054
Ion Ratio Lower Upper
188 100
94 10.1 8.0 12.0
80 10.8 8.6 12.8

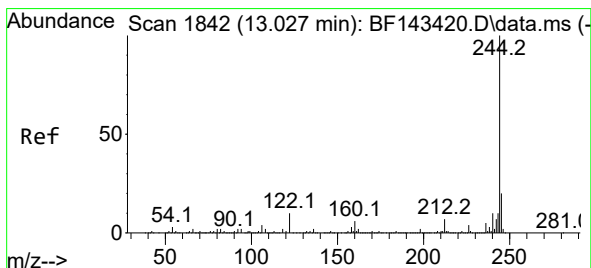
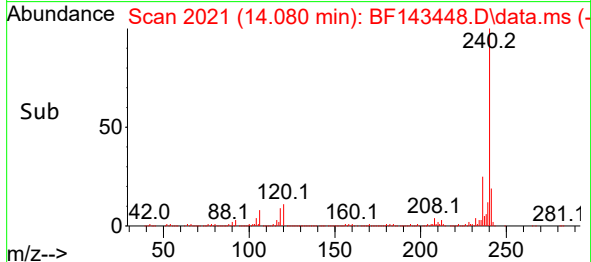
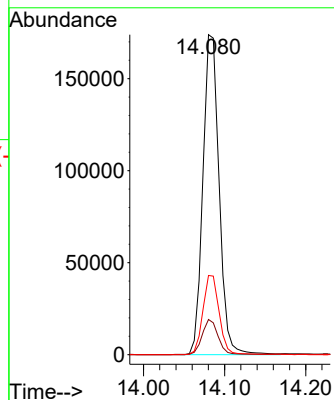
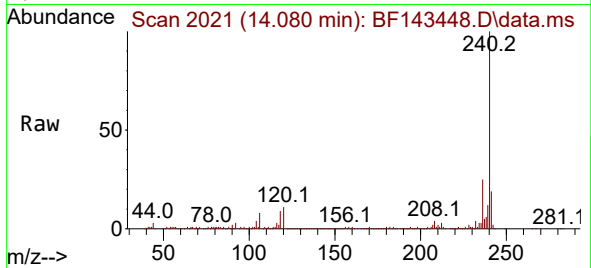




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143448.D
Acq: 19 Aug 2025 11:06

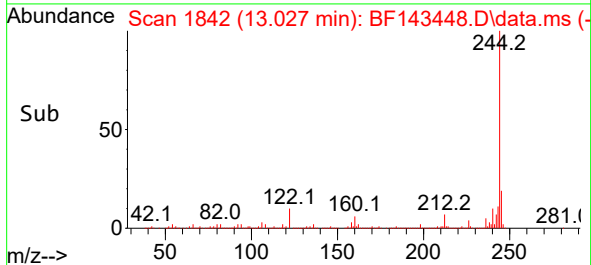
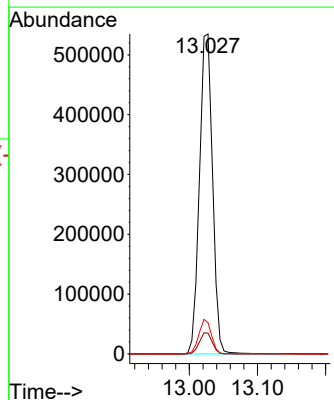
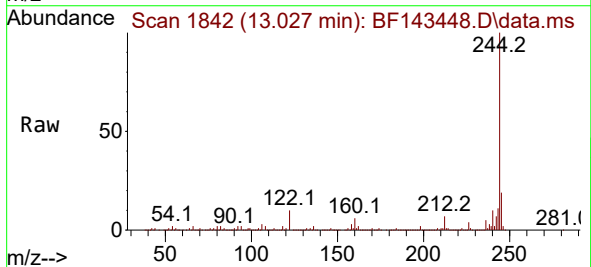
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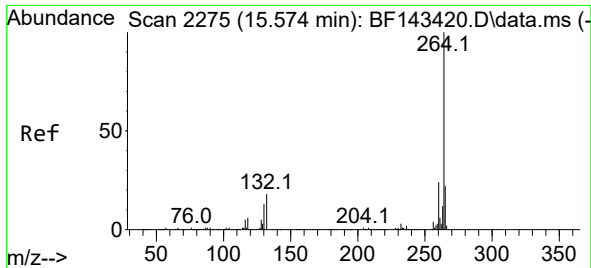
Tgt Ion:240 Resp: 241401
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 24.8 20.2 30.2



#79
Terphenyl-d14
Concen: 49.730 ng
RT: 13.027 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF143448.D
Acq: 19 Aug 2025 11:06

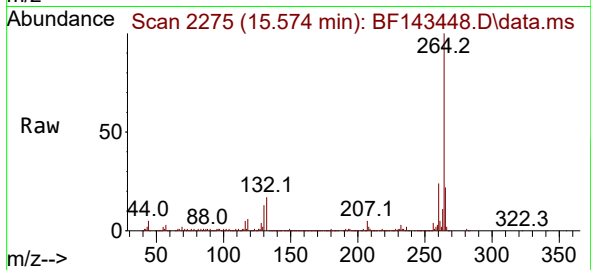
Tgt Ion:244 Resp: 714638
Ion Ratio Lower Upper
244 100
212 6.5 5.2 7.8
122 9.8 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143448.D
Acq: 19 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
DRILL CUTTING 1-3 COMP



Tgt Ion:264 Resp: 268473

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.6	17.4	26.0

