

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022825\
 Data File : BF141807.D
 Acq On : 28 Feb 2025 13:52
 Operator : RC/JU
 Sample : Q1421-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CLAY-CF02-01

Quant Time: Feb 28 14:58:02 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)

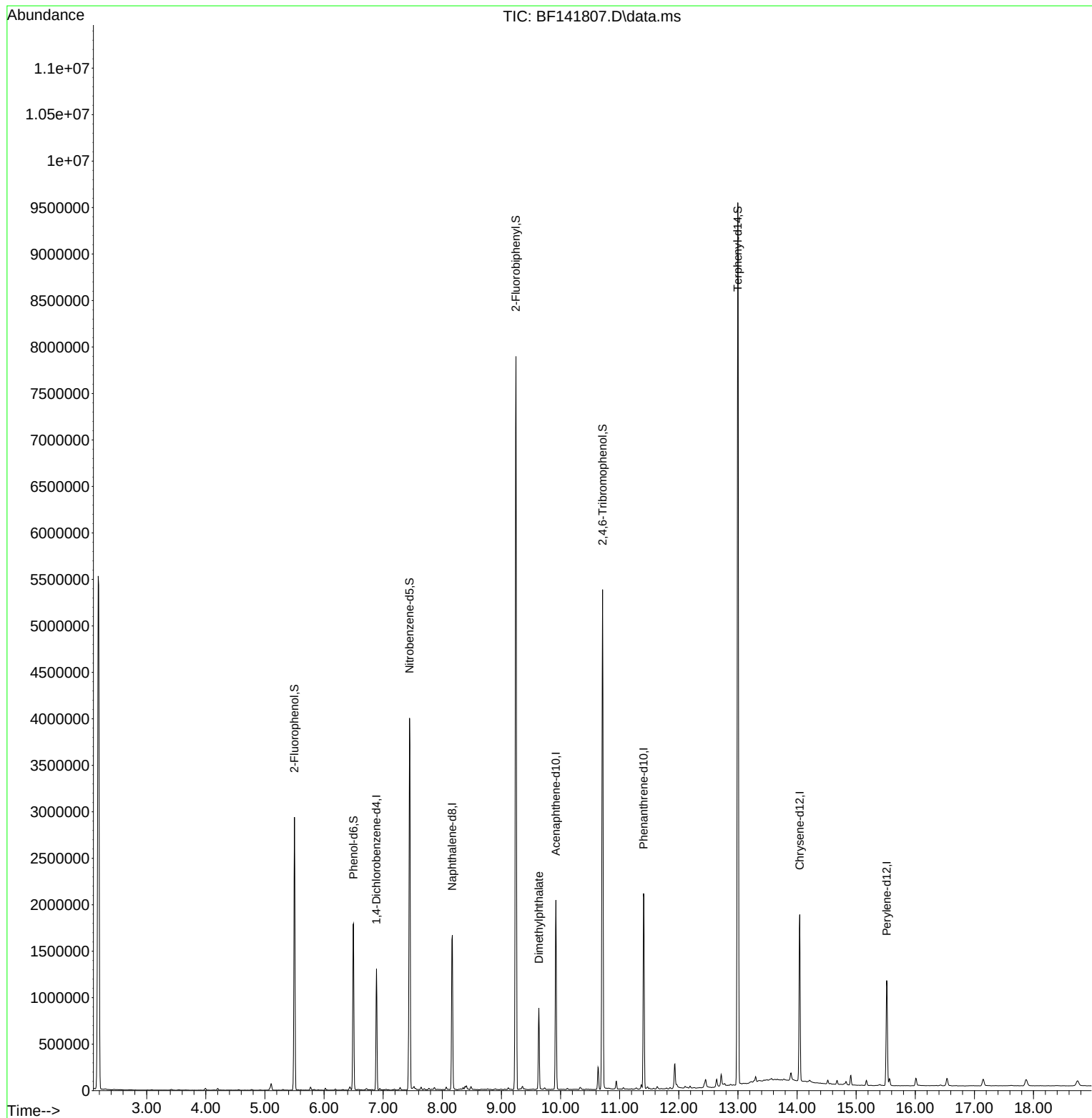
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	260046	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1033711	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	583774	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1061722	20.000	ng	0.00
76) Chrysene-d12	14.045	240	832766	20.000	ng	0.00
86) Perylene-d12	15.516	264	649277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1049095	64.427	ng	0.00
7) Phenol-d6	6.498	99	821014	38.737	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1868922	115.566	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	927516	169.237	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3474692	95.439	ng	0.00
79) Terphenyl-d14	12.998	244	4754792	92.377	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.634	163	474210	12.130	ng	Qvalue 99

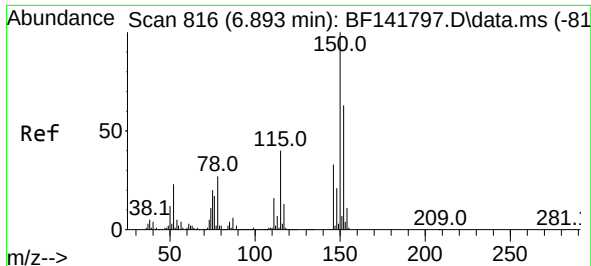
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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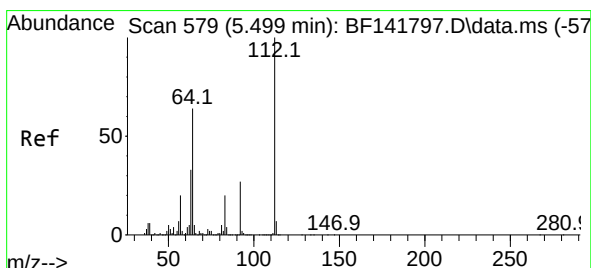
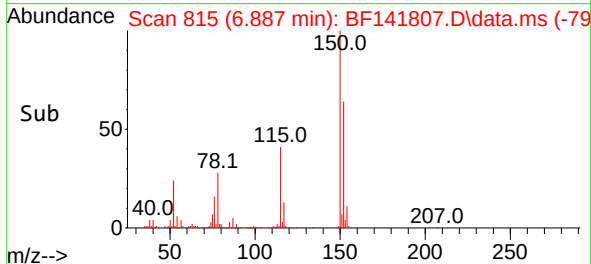
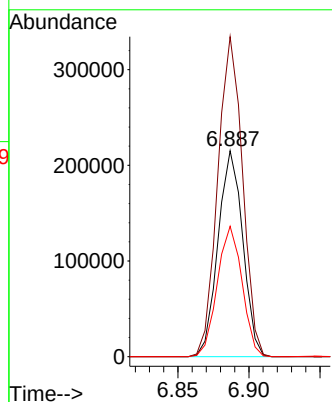
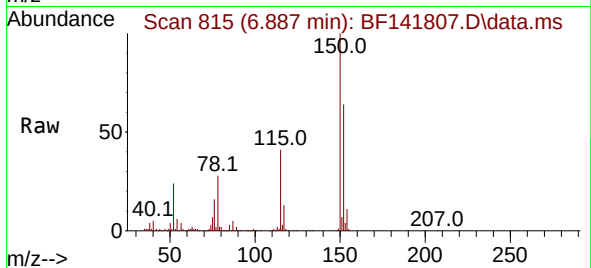




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141807.D
 Acq: 28 Feb 2025 13:52

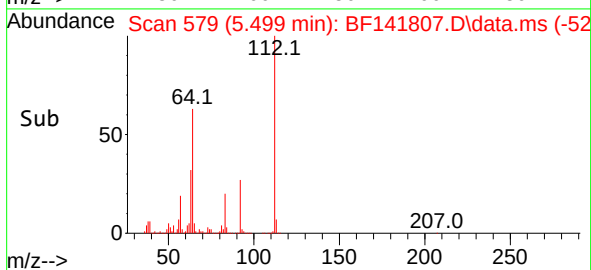
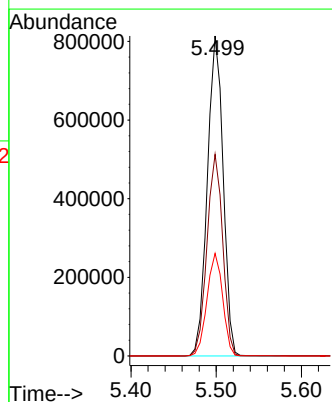
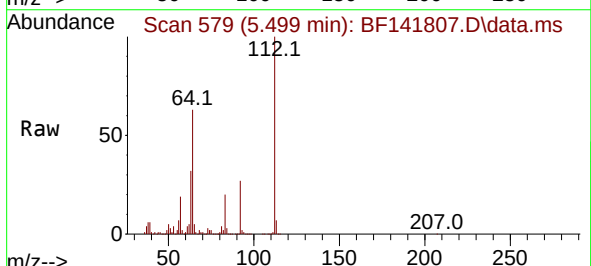
Instrument :
 BNA_F
 ClientSampleId :
 P001-CLAY-CF02-01

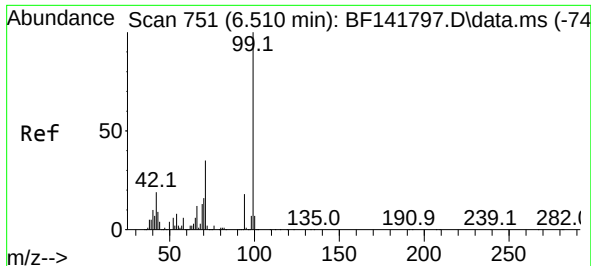
Tgt Ion:152 Resp: 260046
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.5 191.3
 115 63.3 51.4 77.2



#5
 2-Fluorophenol
 Concen: 64.427 ng
 RT: 5.499 min Scan# 579
 Delta R.T. -0.000 min
 Lab File: BF141807.D
 Acq: 28 Feb 2025 13:52

Tgt Ion:112 Resp: 1049095
 Ion Ratio Lower Upper
 112 100
 64 63.0 51.3 76.9
 63 32.1 26.2 39.4

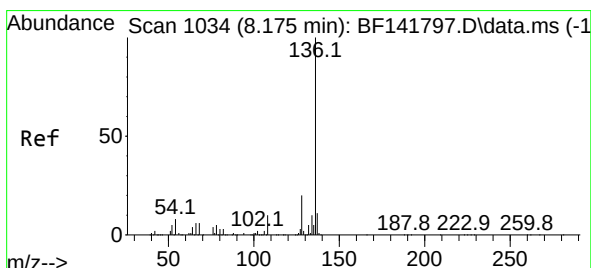
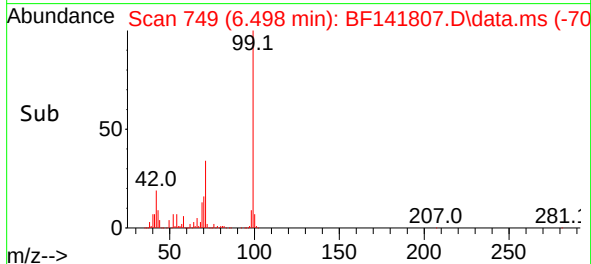
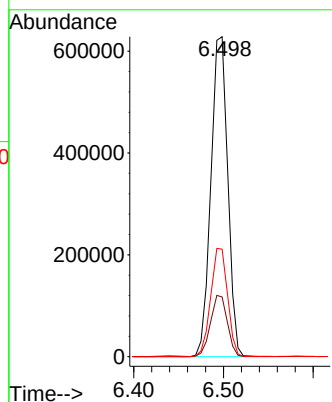
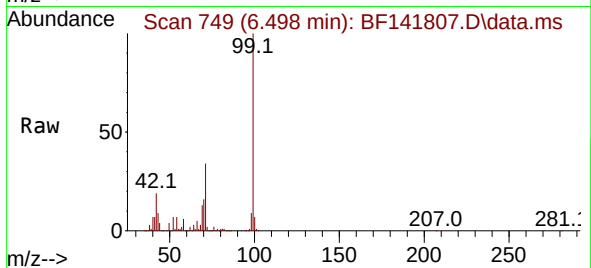




#7
Phenol-d6
Concen: 38.737 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141807.D
Acq: 28 Feb 2025 13:52

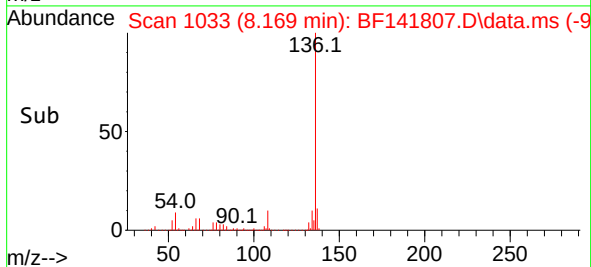
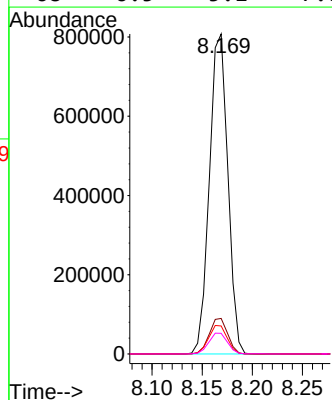
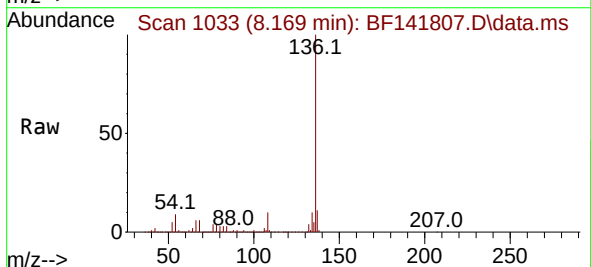
Instrument :
BNA_F
ClientSampleId :
P001-CLAY-CF02-01

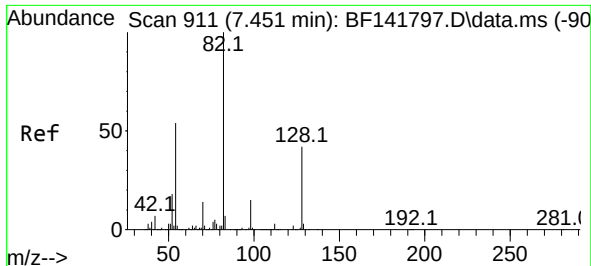
Tgt Ion: 99 Resp: 821014
Ion Ratio Lower Upper
99 100
42 18.7 15.2 22.8
71 33.6 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141807.D
Acq: 28 Feb 2025 13:52

Tgt Ion:136 Resp: 1033711
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.7 6.9 10.3
68 6.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 115.566 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141807.D

Acq: 28 Feb 2025 13:52

Instrument :

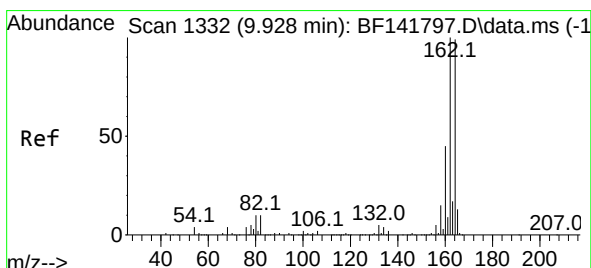
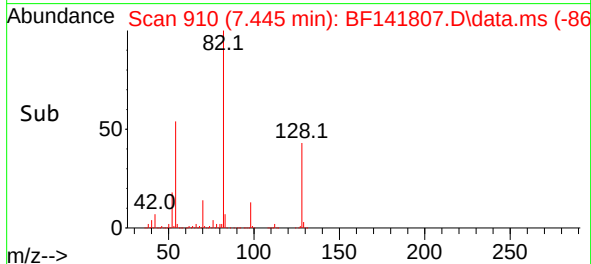
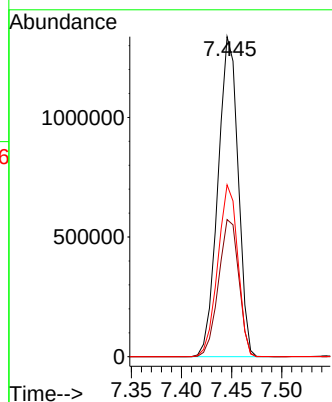
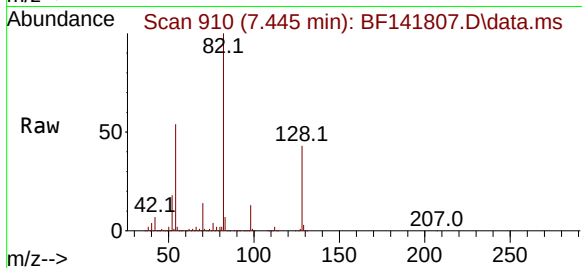
BNA_F

ClientSampleId :

P001-CLAY-CF02-01

Tgt Ion: 82 Resp: 1868922

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.5	50.3
54	53.7	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

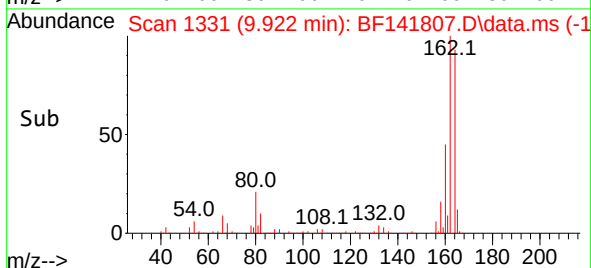
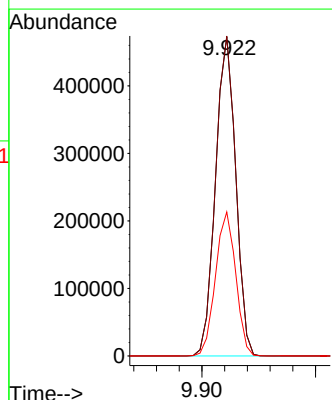
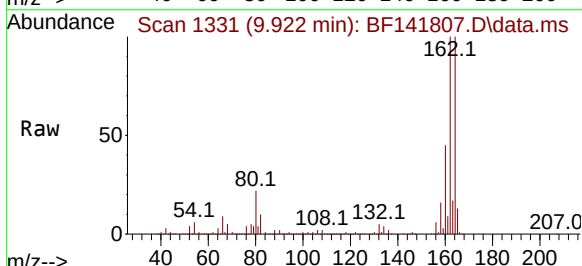
Delta R.T. -0.006 min

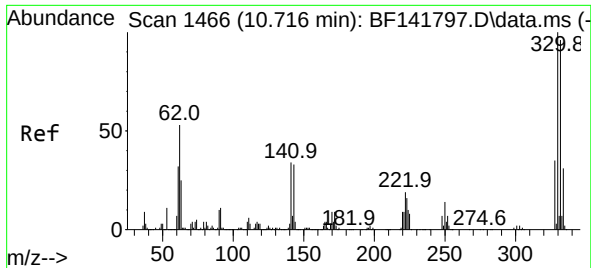
Lab File: BF141807.D

Acq: 28 Feb 2025 13:52

Tgt Ion: 164 Resp: 583774

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	120.8
160	45.1	36.3	54.5

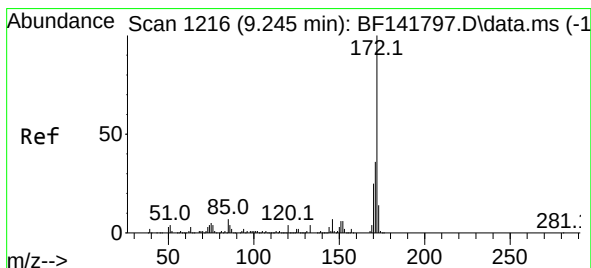
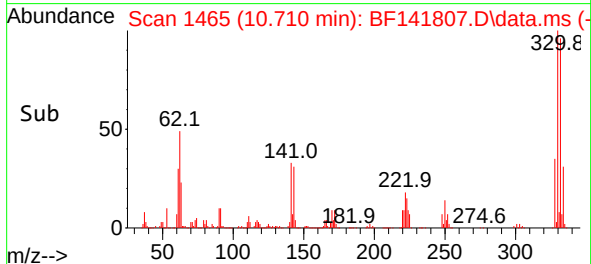
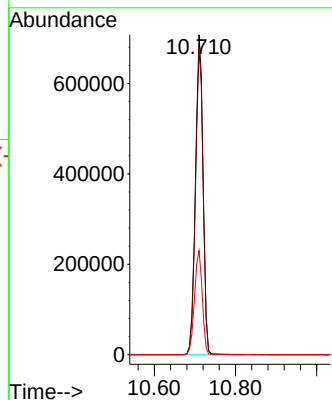
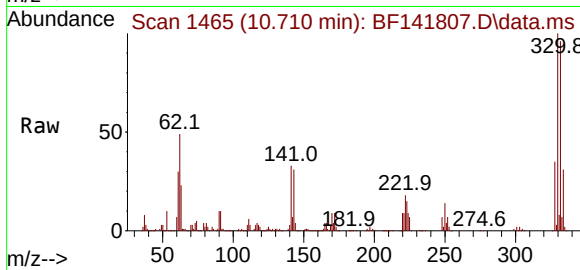




#42
 2,4,6-Tribromophenol
 Concen: 169.237 ng
 RT: 10.710 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BF141807.D
 Acq: 28 Feb 2025 13:52

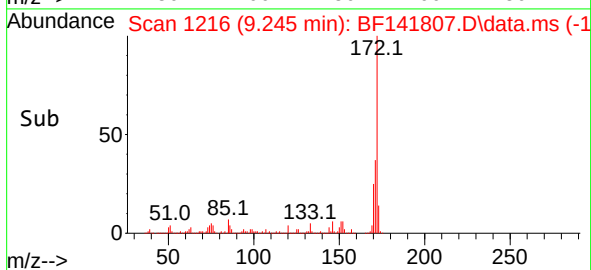
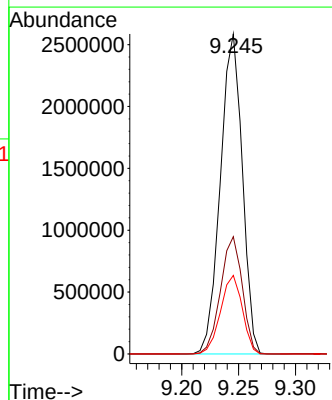
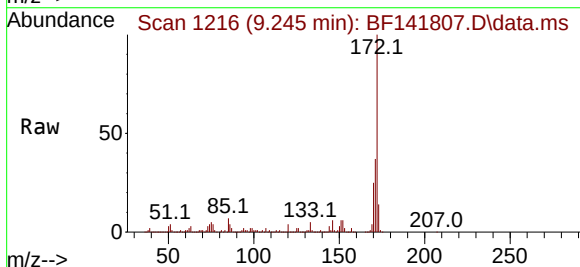
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 ClientSampleId :
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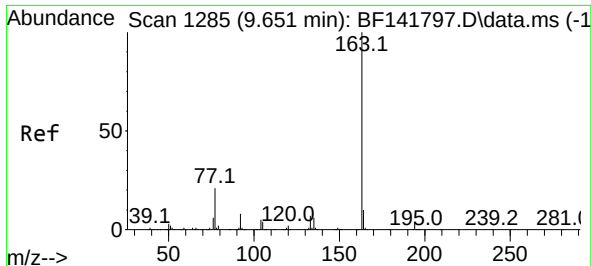
Tgt Ion:330 Resp: 927516
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 33.3 29.0 43.4



#45
 2-Fluorobiphenyl
 Concen: 95.439 ng
 RT: 9.245 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: BF141807.D
 Acq: 28 Feb 2025 13:52

Tgt Ion:172 Resp: 3474692
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.2 43.8
 170 24.6 19.7 29.5

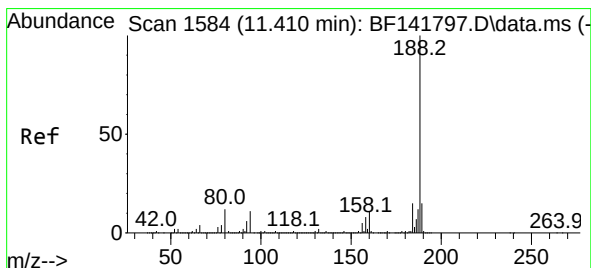
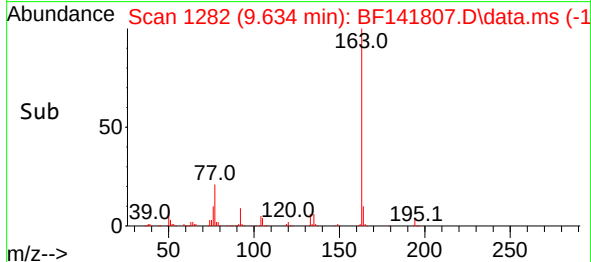
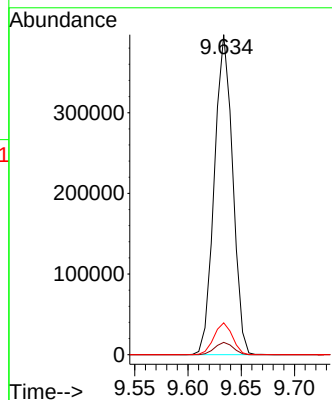
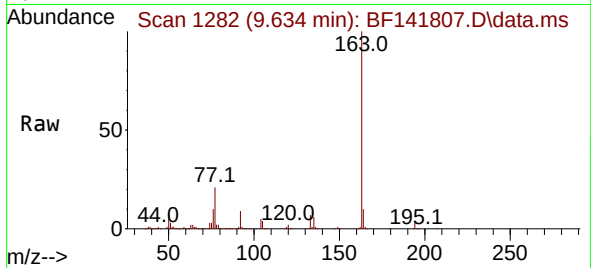




#50
Dimethylphthalate
Concen: 12.130 ng
RT: 9.634 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141807.D
Acq: 28 Feb 2025 13:52

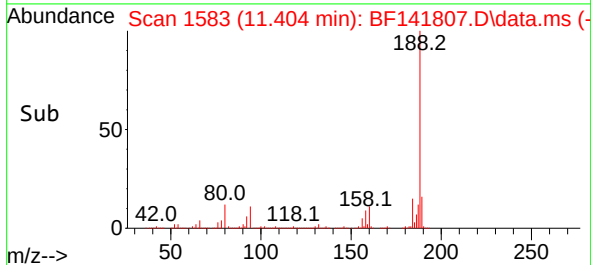
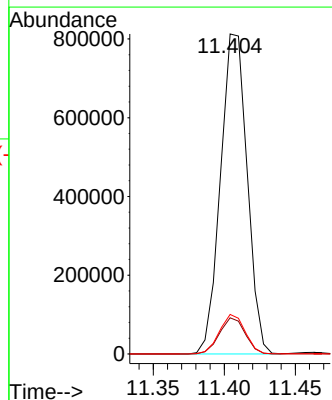
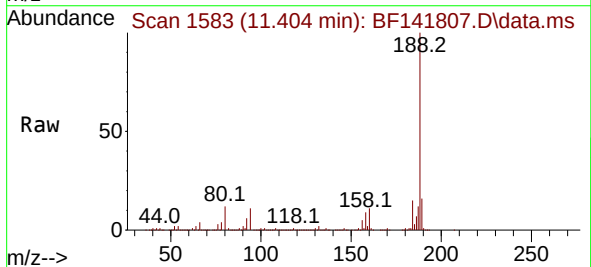
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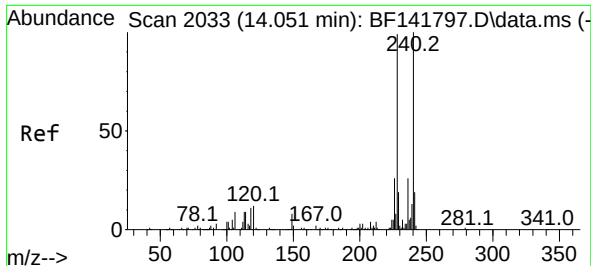
Tgt Ion:163 Resp: 474210
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 8.4 12.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF141807.D
Acq: 28 Feb 2025 13:52

Tgt Ion:188 Resp: 1061722
Ion Ratio Lower Upper
188 100
94 11.3 8.9 13.3
80 12.3 9.7 14.5

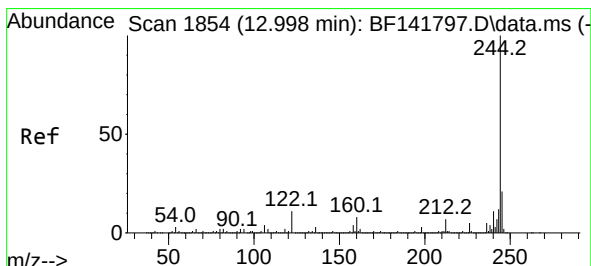
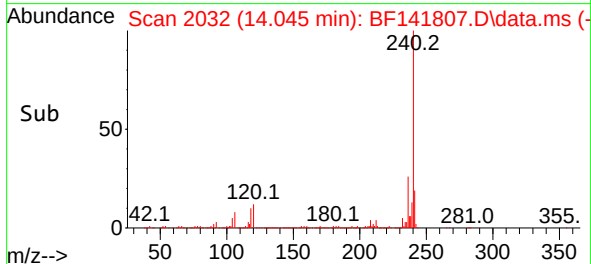
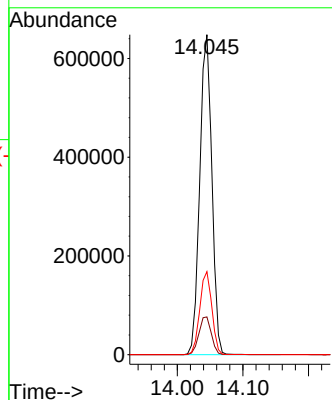
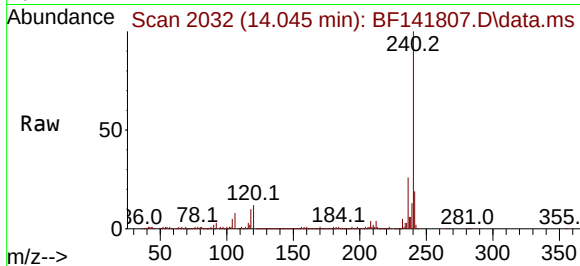




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF141807.D
Acq: 28 Feb 2025 13:52

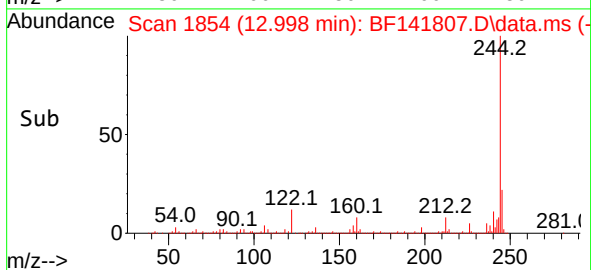
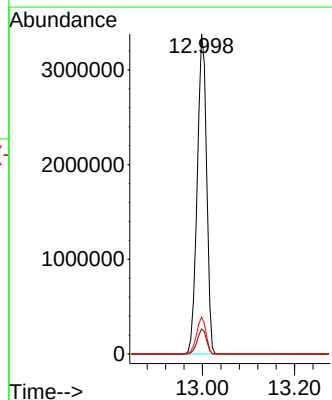
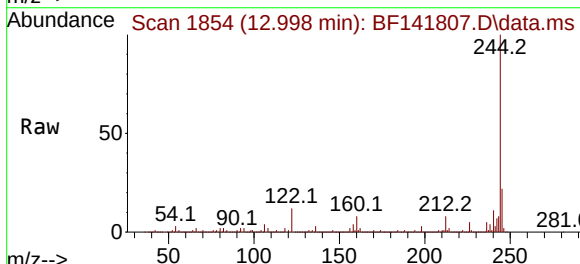
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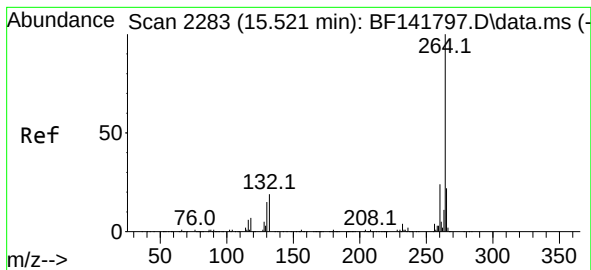
Tgt Ion:240 Resp: 832766
Ion Ratio Lower Upper
240 100
120 11.8 9.7 14.5
236 26.0 21.0 31.4



#79
Terphenyl-d14
Concen: 92.377 ng
RT: 12.998 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF141807.D
Acq: 28 Feb 2025 13:52

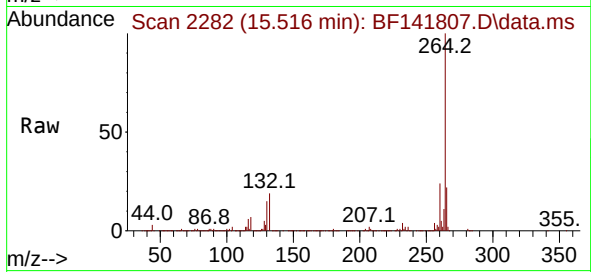
Tgt Ion:244 Resp: 4754792
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 11.5 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141807.D
Acq: 28 Feb 2025 13:52

Instrument :
BNA_F
ClientSampleId :
P001-CLAY-CF02-01



Tgt Ion:264 Resp: 649277

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.7	17.4	26.0

