

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141764.D
 Acq On : 25 Feb 2025 15:06
 Operator : RC/JU
 Sample : Q1421-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CLAY-CF01-02

Quant Time: Feb 25 15:25:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

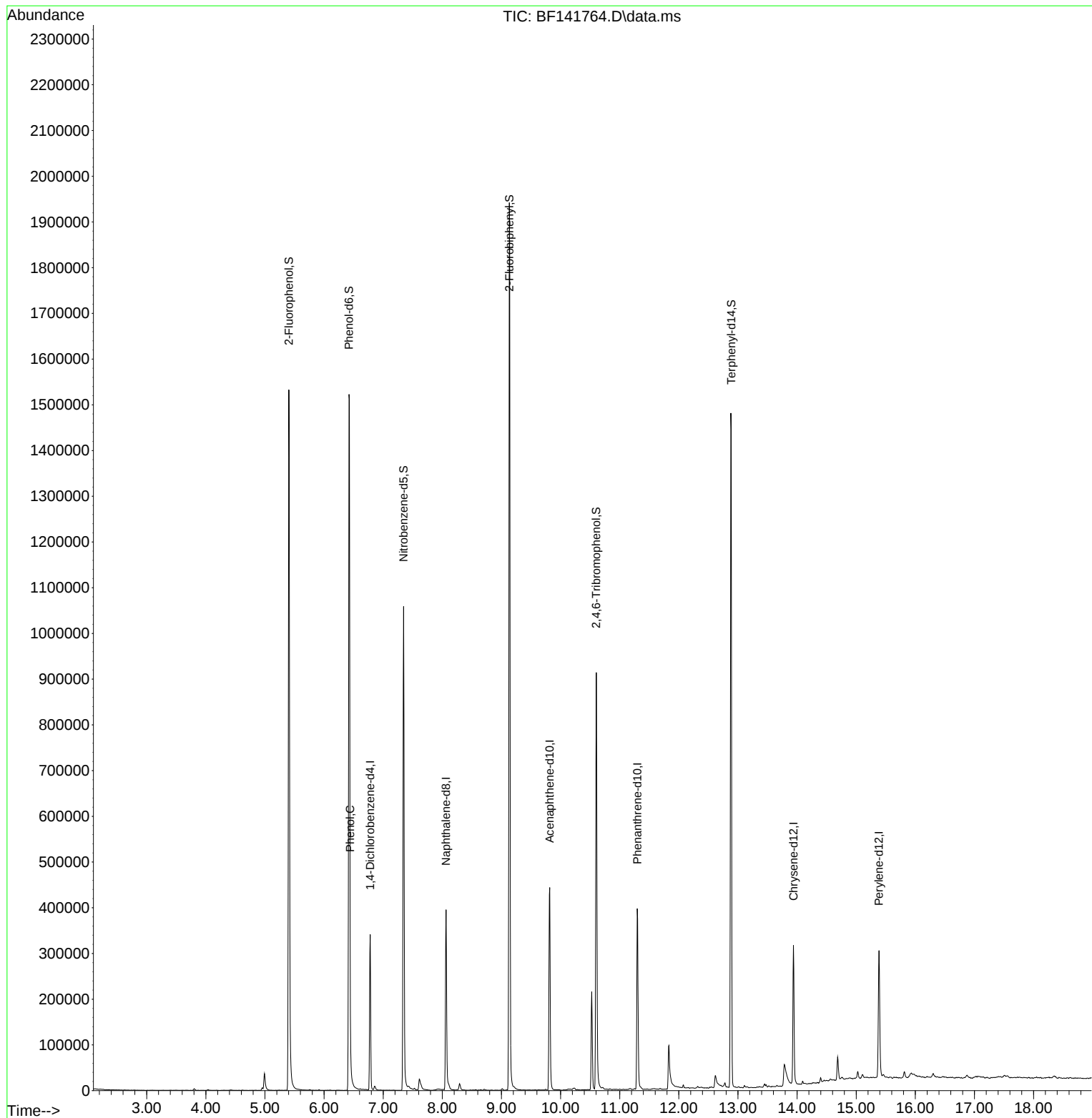
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71356	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	280947	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	149058	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	236469	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	160844	20.000	ng	-0.02
86) Perylene-d12	15.386	264	174752	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	616588	135.469	ng	0.00
7) Phenol-d6	6.422	99	764563	132.904	ng	-0.02
23) Nitrobenzene-d5	7.345	82	489046	90.792	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	159578	106.573	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	898126	92.829	ng	-0.02
79) Terphenyl-d14	12.886	244	756423	79.392	ng	-0.02
Target Compounds						
10) Phenol	6.439	94	14286	2.386	ng	Qvalue # 72

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

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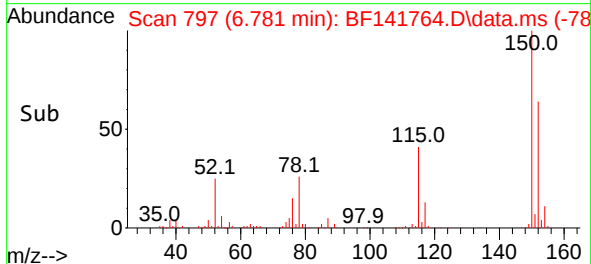
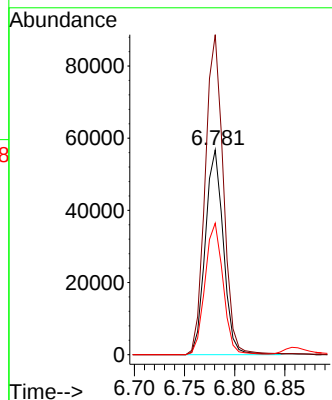
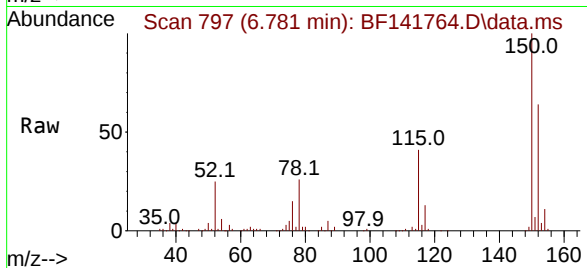




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141764.D
 Acq: 25 Feb 2025 15:06

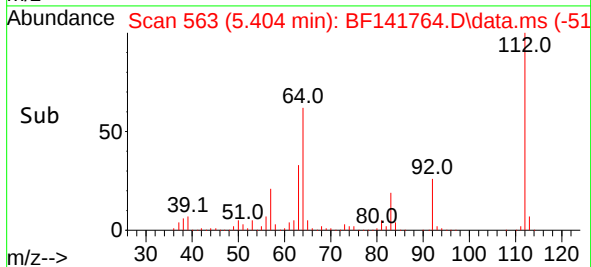
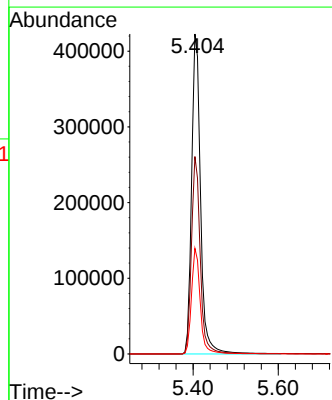
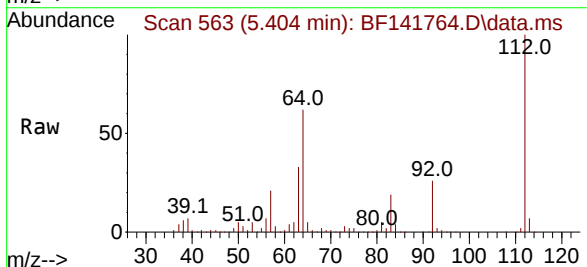
Instrument :
 BNA_F
 ClientSampleId :
 P001-CLAY-CF01-02

Tgt Ion:152 Resp: 71356
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.0 187.4
 115 64.2 53.6 80.4



#5
 2-Fluorophenol
 Concen: 135.469 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141764.D
 Acq: 25 Feb 2025 15:06

Tgt Ion:112 Resp: 616588
 Ion Ratio Lower Upper
 112 100
 64 61.7 51.1 76.7
 63 33.0 28.4 42.6

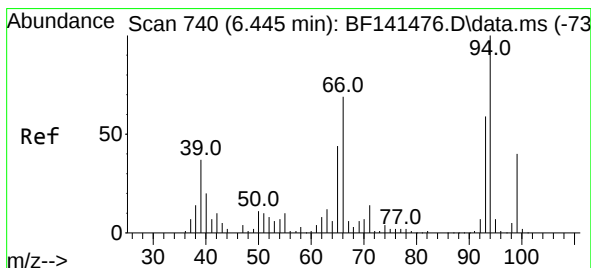
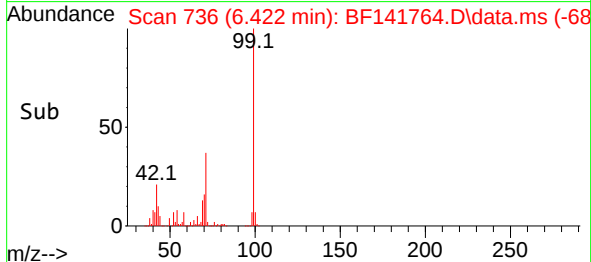
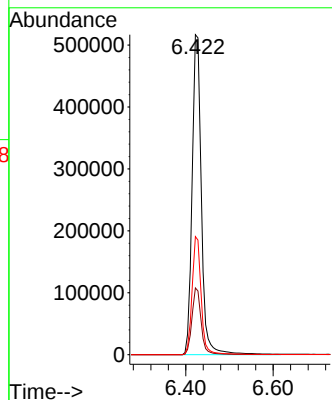
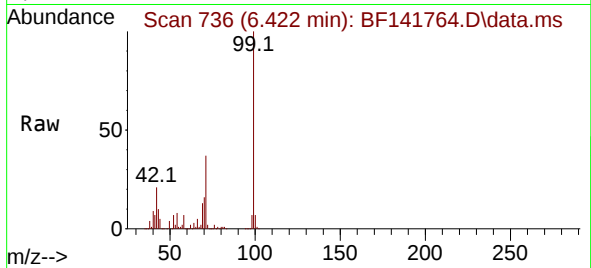




#7
Phenol-d6
Concen: 132.904 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141764.D
Acq: 25 Feb 2025 15:06

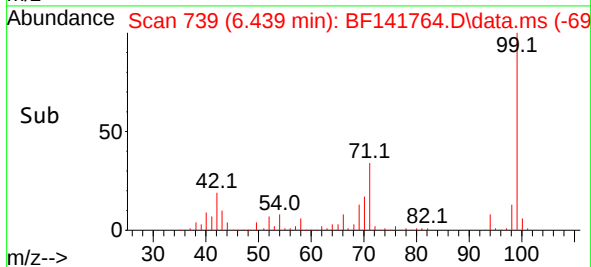
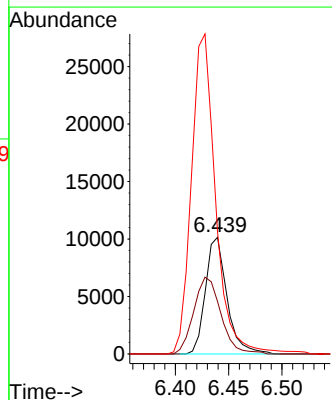
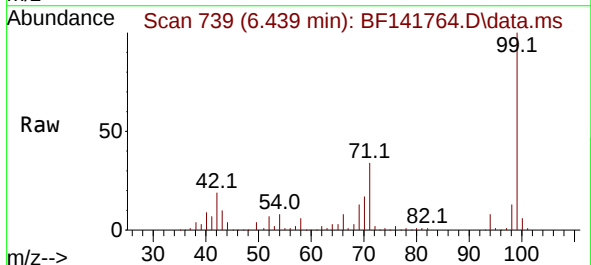
Instrument :
BNA_F
ClientSampleId :
P001-CLAY-CF01-02

Tgt Ion: 99 Resp: 764563
Ion Ratio Lower Upper
99 100
42 20.9 19.1 28.7
71 36.9 31.1 46.7



#10
Phenol
Concen: 2.386 ng
RT: 6.439 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF141764.D
Acq: 25 Feb 2025 15:06

Tgt Ion: 94 Resp: 14286
Ion Ratio Lower Upper
94 100
65 45.1 23.7 63.7
66 105.1 49.3 89.3#

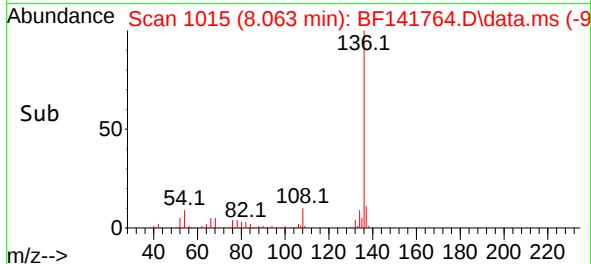
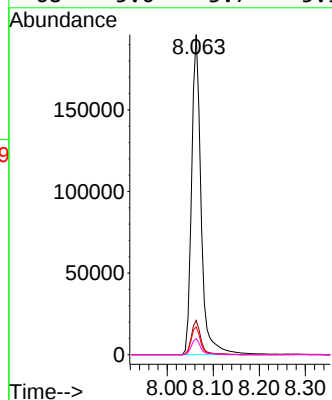
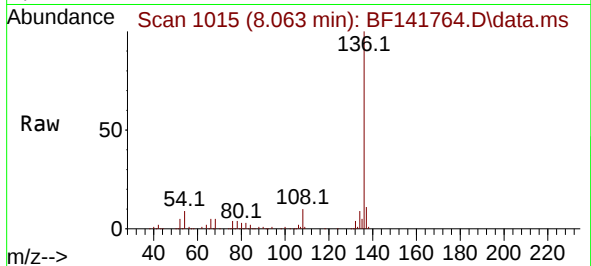




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141764.D
Acq: 25 Feb 2025 15:06

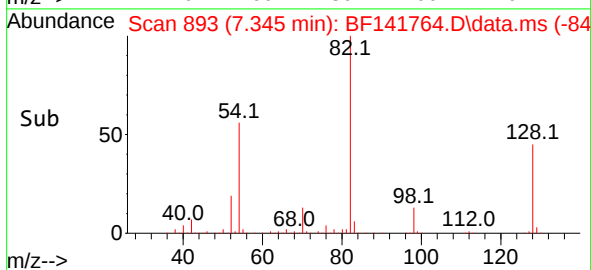
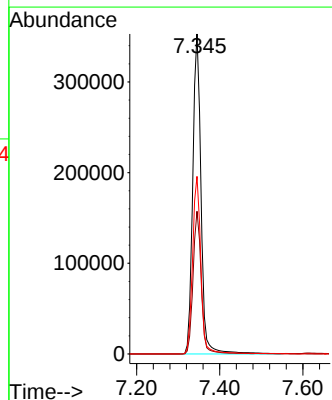
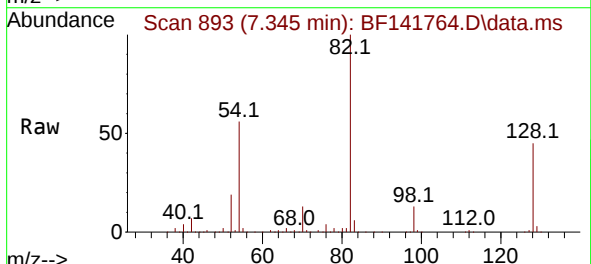
Instrument :
BNA_F
ClientSampleId :
P001-CLAY-CF01-02

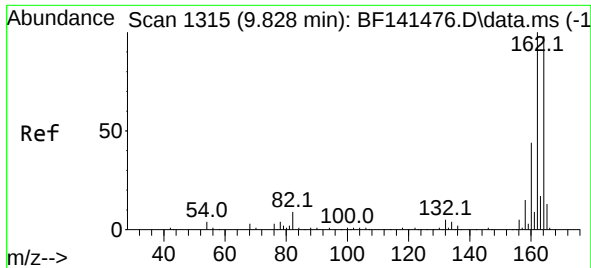
Tgt Ion:	136	Resp:	280947
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	8.7	7.2	10.8
68	5.0	3.7	5.5



#23
Nitrobenzene-d5
Concen: 90.792 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF141764.D
Acq: 25 Feb 2025 15:06

Tgt Ion:	82	Resp:	489046
Ion Ratio	Lower	Upper	
82	100		
128	44.6	34.8	52.2
54	55.5	48.2	72.4

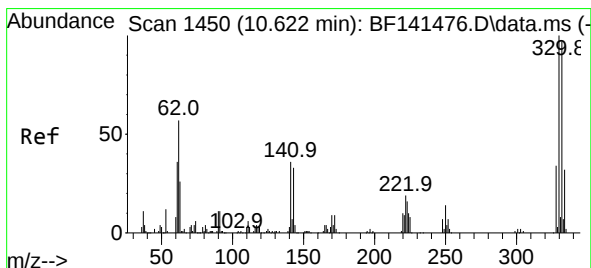
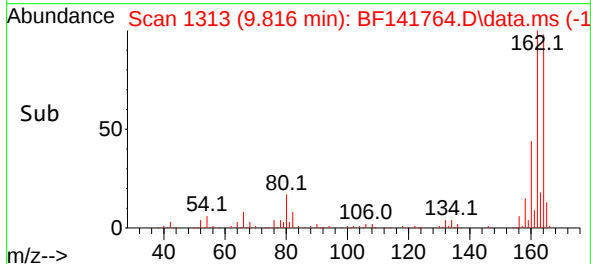
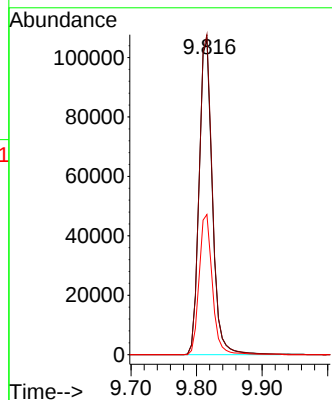
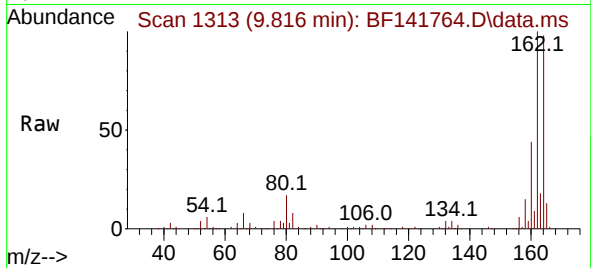




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141764.D
Acq: 25 Feb 2025 15:06

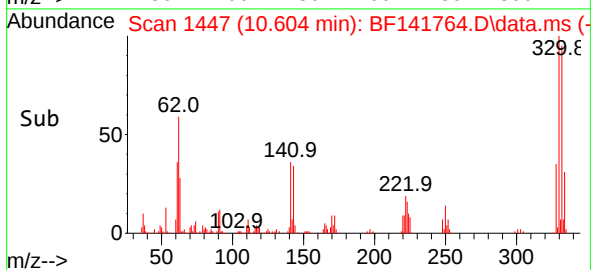
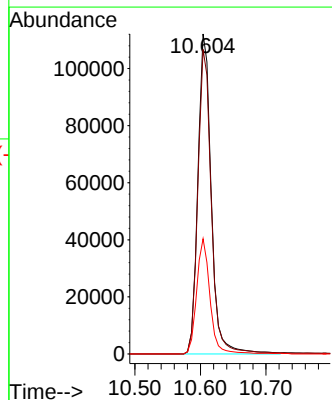
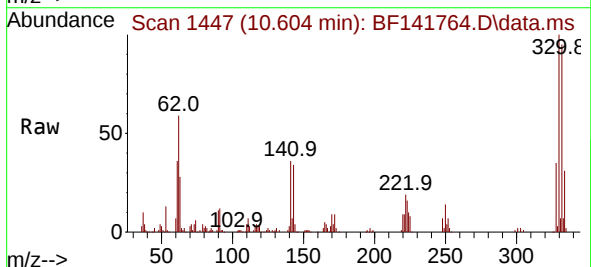
Instrument :
BNA_F
ClientSampleId :
P001-CLAY-CF01-02

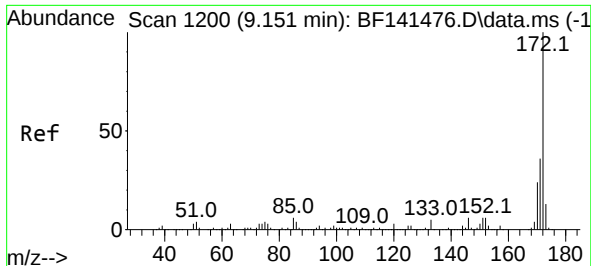
Tgt Ion:164 Resp: 149058
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 44.5 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 106.573 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141764.D
Acq: 25 Feb 2025 15:06

Tgt Ion:330 Resp: 159578
Ion Ratio Lower Upper
330 100
332 95.9 78.5 117.7
141 36.1 31.0 46.4





#45

2-Fluorobiphenyl

Concen: 92.829 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141764.D

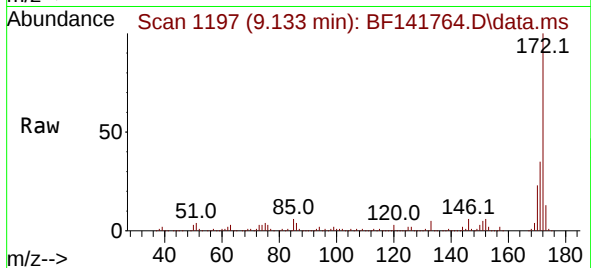
Acq: 25 Feb 2025 15:06

Instrument :

BNA_F

ClientSampleId :

P001-CLAY-CF01-02



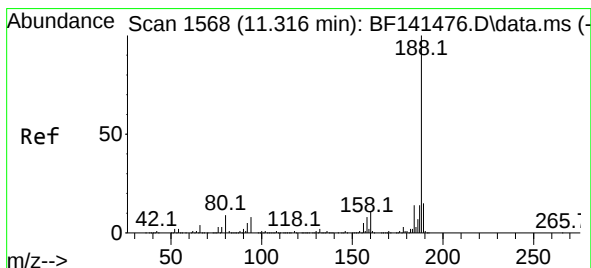
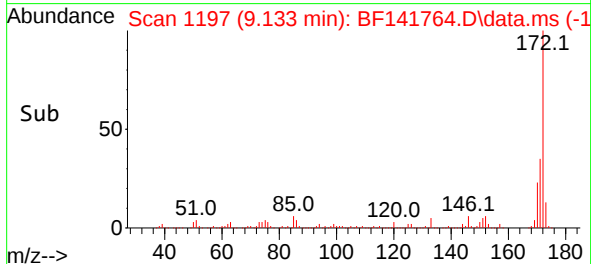
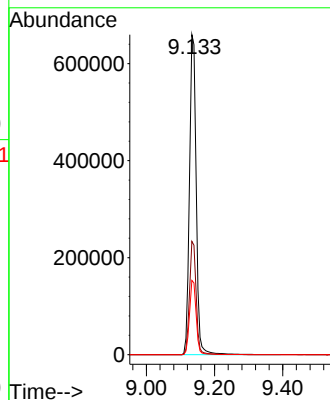
Tgt Ion:172 Resp: 898126

Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.2 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1565

Delta R.T. -0.018 min

Lab File: BF141764.D

Acq: 25 Feb 2025 15:06

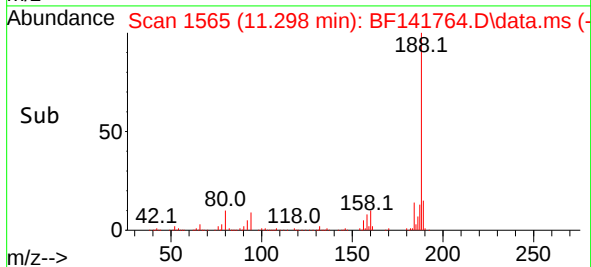
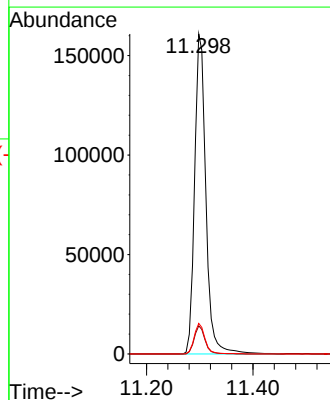
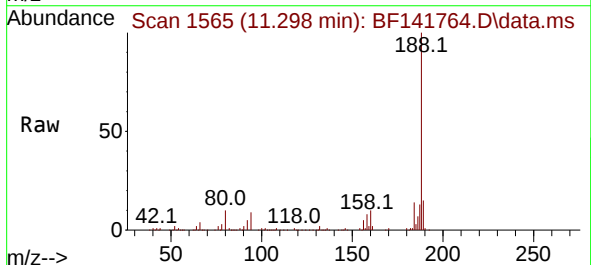
Tgt Ion:188 Resp: 236469

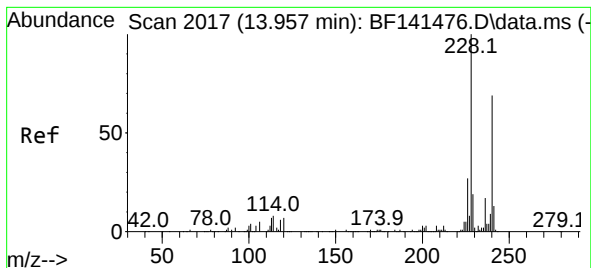
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.6 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.023 min

Lab File: BF141764.D

Acq: 25 Feb 2025 15:06

Instrument :

BNA_F

ClientSampleId :

P001-CLAY-CF01-02

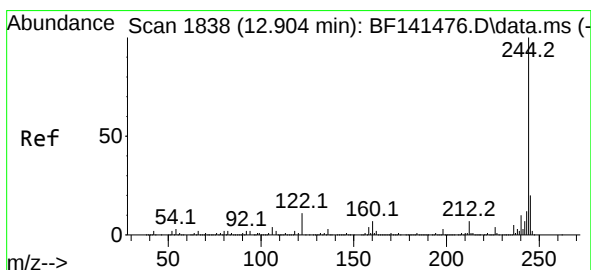
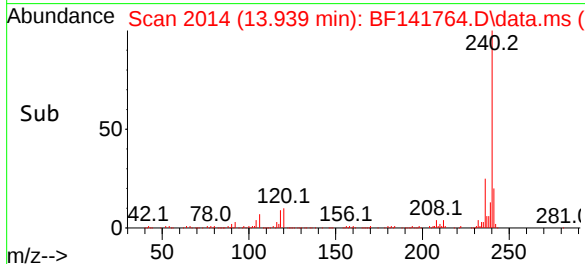
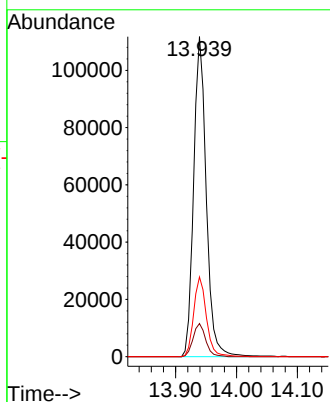
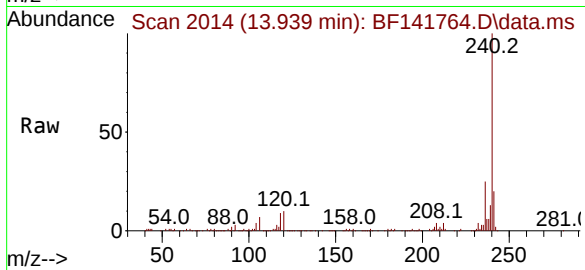
Tgt Ion:240 Resp: 160844

Ion Ratio Lower Upper

240 100

120 10.4 8.0 12.0

236 24.9 19.8 29.8



#79

Terphenyl-d14

Concen: 79.392 ng

RT: 12.886 min Scan# 1835

Delta R.T. -0.018 min

Lab File: BF141764.D

Acq: 25 Feb 2025 15:06

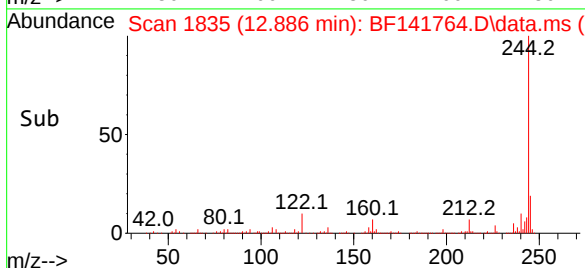
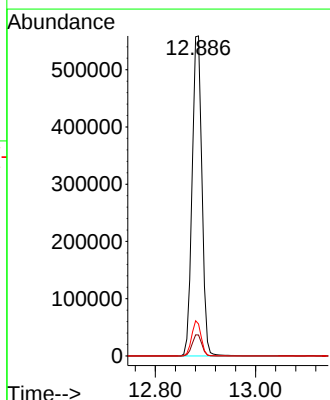
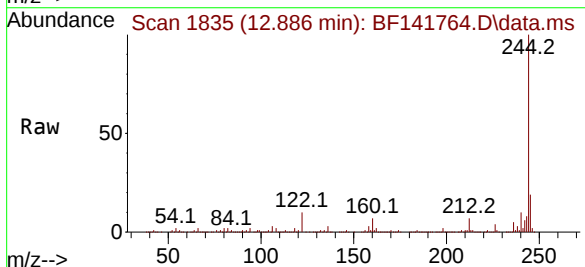
Tgt Ion:244 Resp: 756423

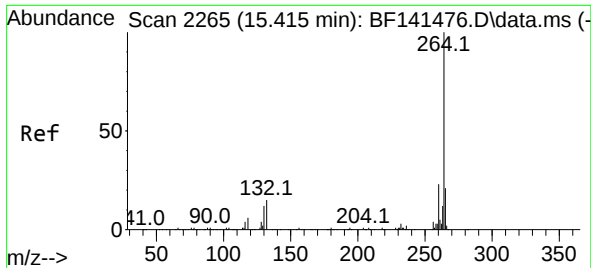
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

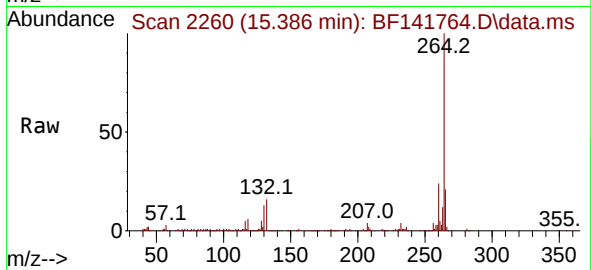
122 10.0 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF141764.D
Acq: 25 Feb 2025 15:06

Instrument :
BNA_F
ClientSampleId :
P001-CLAY-CF01-02



Tgt Ion:264 Resp: 174752

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.4	17.0	25.4

