

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
 Data File : BF141277.D
 Acq On : 27 Jan 2025 17:18
 Operator : RC/JU
 Sample : Q1169-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPILL-SITE

Quant Time: Jan 28 00:13:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	142521	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	563428	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	298836	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	482767	20.000	ng	-0.02
76) Chrysene-d12	13.974	240	374663	20.000	ng	-0.01
86) Perylene-d12	15.445	264	376397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1199654	130.032	ng	0.00
7) Phenol-d6	6.434	99	1456954	124.670	ng	-0.01
23) Nitrobenzene-d5	7.363	82	978199	92.031	ng	-0.02
42) 2,4,6-Tribromophenol	10.634	330	522050	153.317	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1865456	95.324	ng	-0.02
79) Terphenyl-d14	12.922	244	1948621	77.303	ng	-0.01

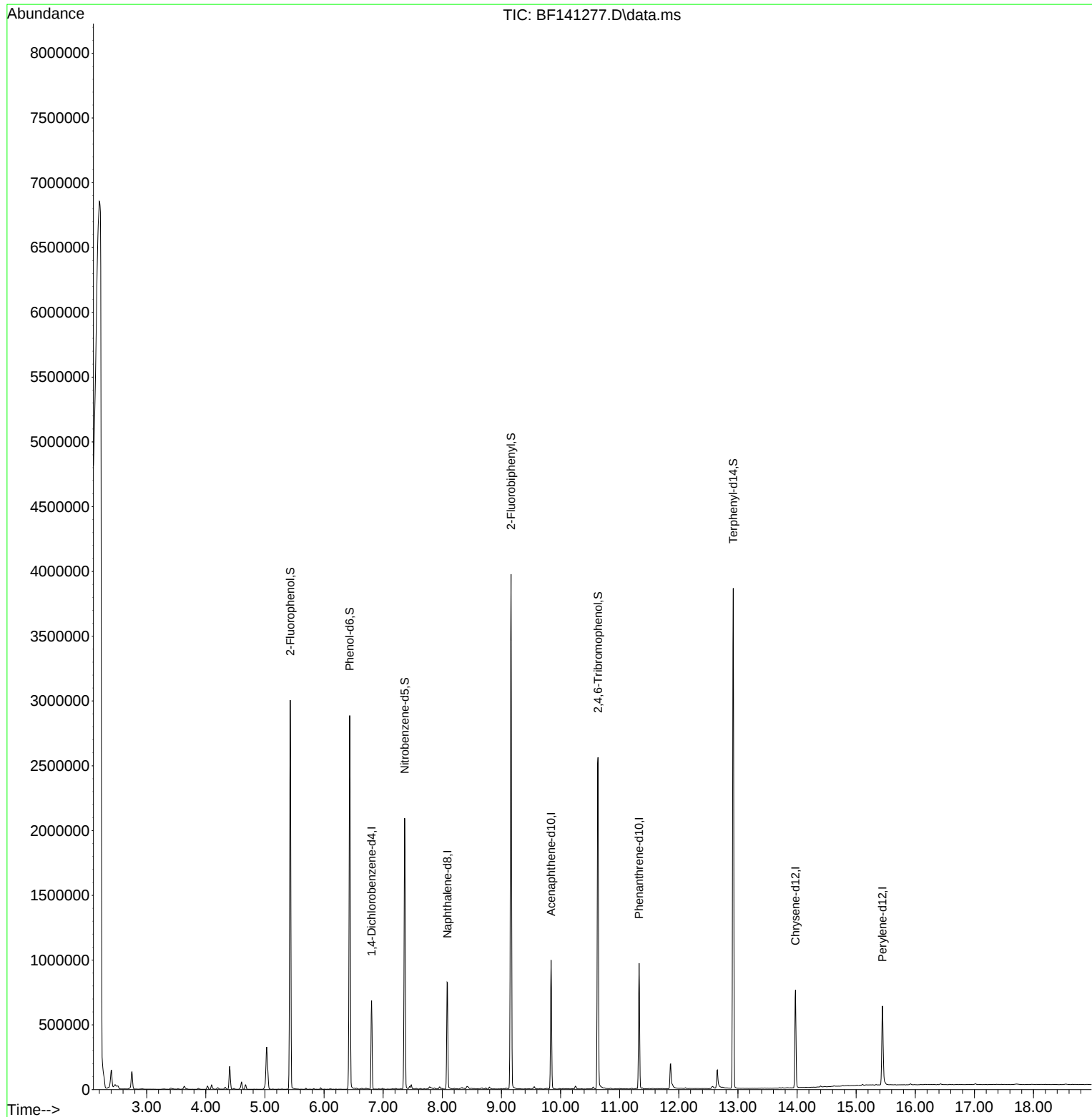
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
Data File : BF141277.D
Acq On : 27 Jan 2025 17:18
Operator : RC/JU
Sample : Q1169-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

Quant Time: Jan 28 00:13:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

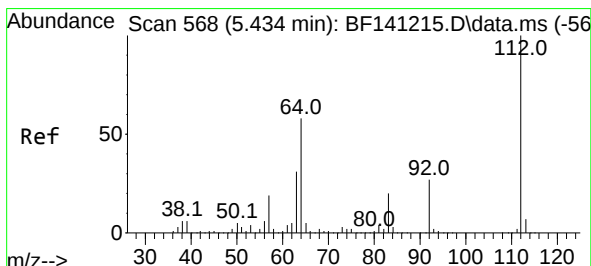
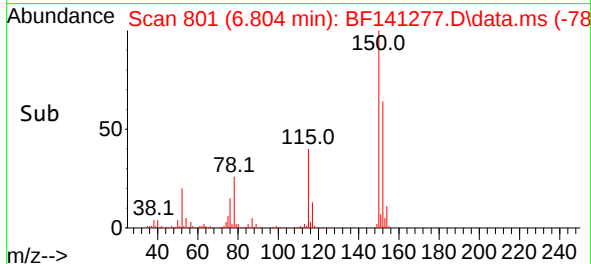
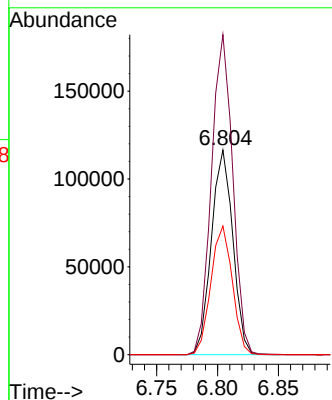
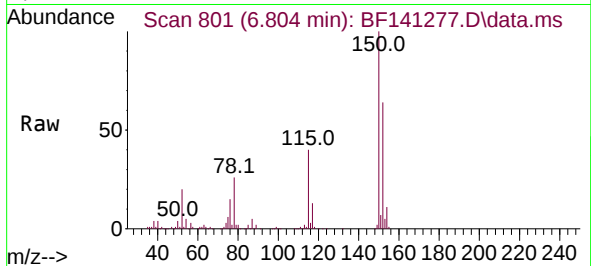




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

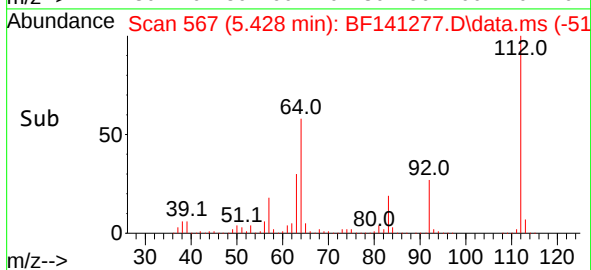
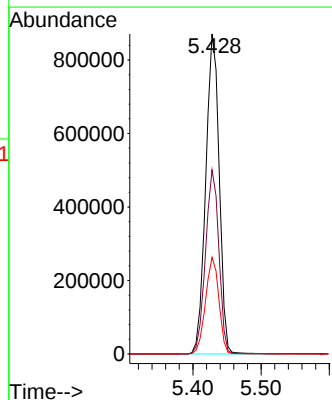
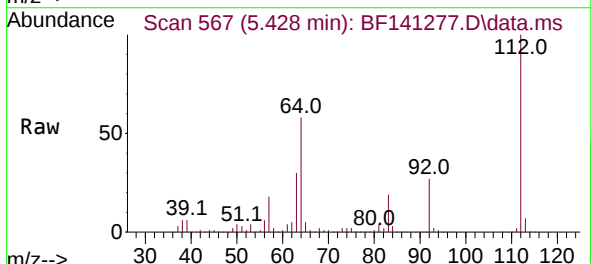
Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

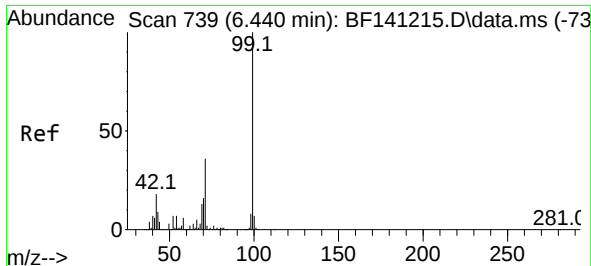
Tgt Ion:152 Resp: 142521
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.8
115 62.9 51.4 77.2



#5
2-Fluorophenol
Concen: 130.032 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

Tgt Ion:112 Resp: 1199654
Ion Ratio Lower Upper
112 100
64 57.5 47.3 70.9
63 30.2 24.2 36.2



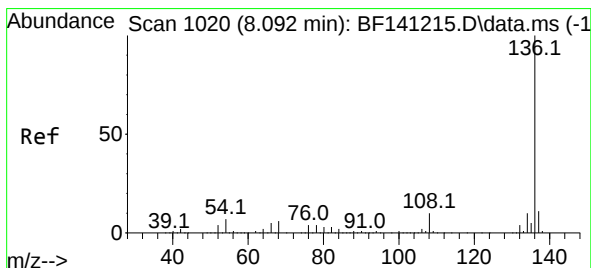
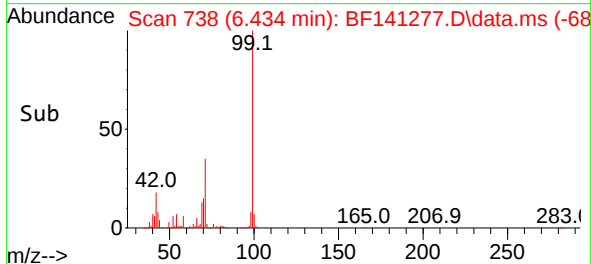
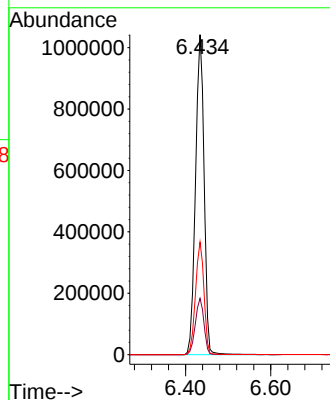
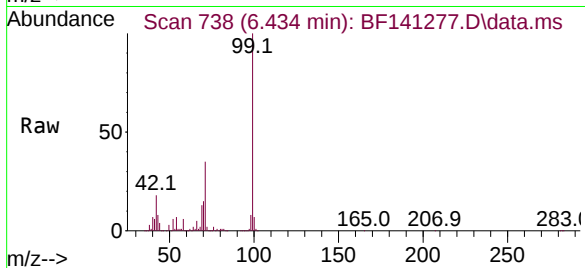


#7
Phenol-d6
Concen: 124.670 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

Tgt Ion: 99 Resp: 1456954

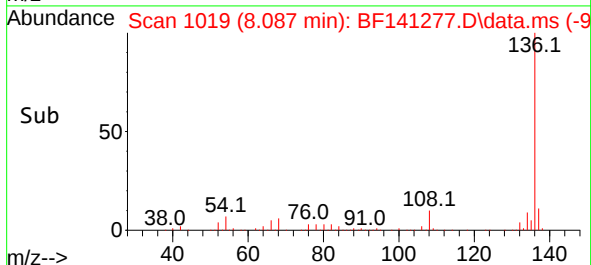
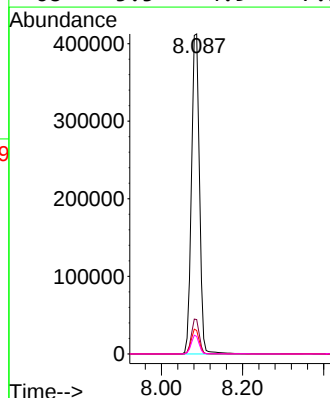
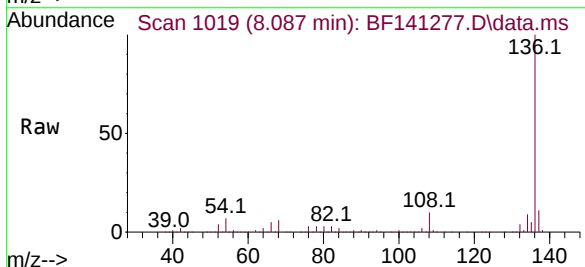
Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.4
71	35.2	27.6	41.4

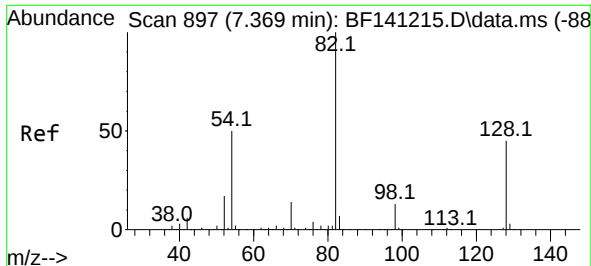


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

Tgt Ion: 136 Resp: 563428

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.4	6.3	9.5
68	5.5	4.9	7.3





#23

Nitrobenzene-d5

Concen: 92.031 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.023 min

Lab File: BF141277.D

Acq: 27 Jan 2025 17:18

Instrument :

BNA_F

ClientSampleId :

SPILL-SITE

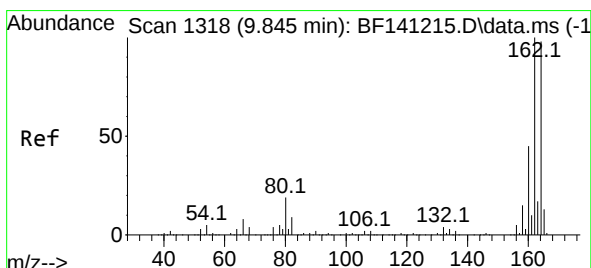
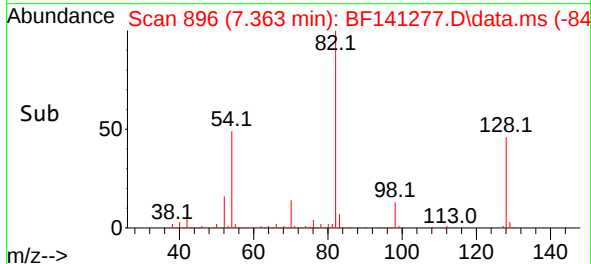
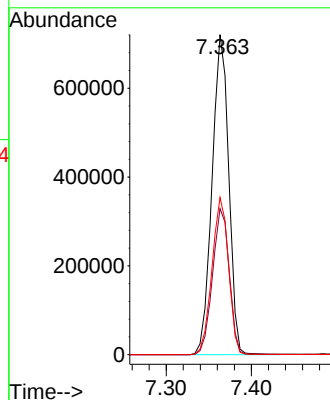
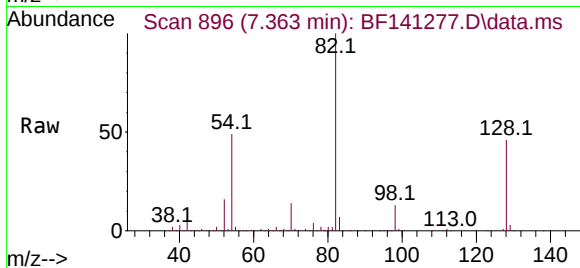
Tgt Ion: 82 Resp: 978199

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

54 49.1 41.0 61.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1317

Delta R.T. -0.023 min

Lab File: BF141277.D

Acq: 27 Jan 2025 17:18

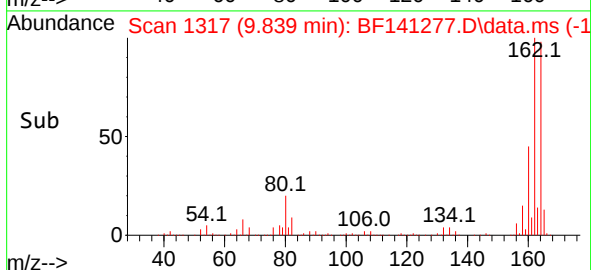
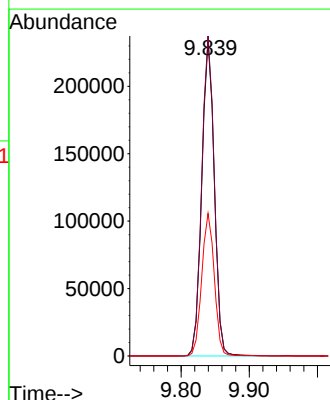
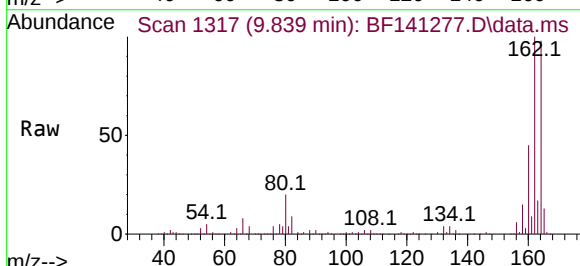
Tgt Ion:164 Resp: 298836

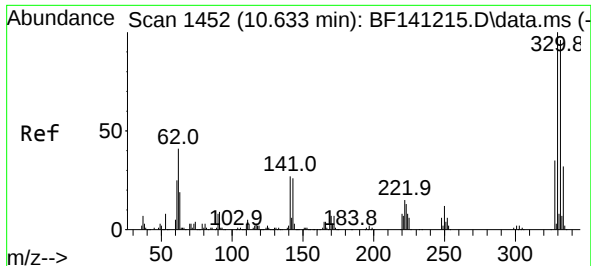
Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.4

160 45.3 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 153.317 ng

RT: 10.634 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF141277.D

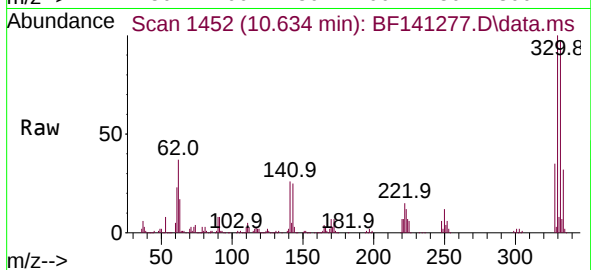
Acq: 27 Jan 2025 17:18

Instrument :

BNA_F

ClientSampleId :

SPILL-SITE



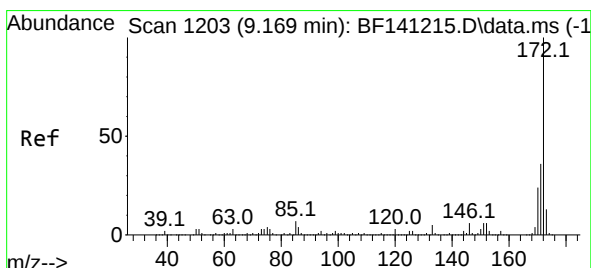
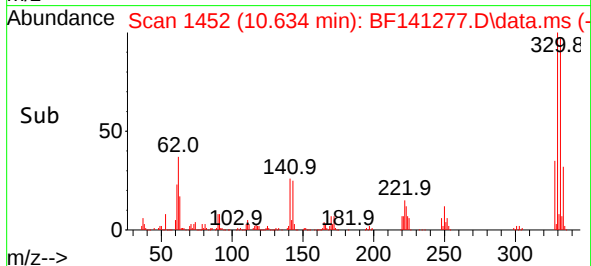
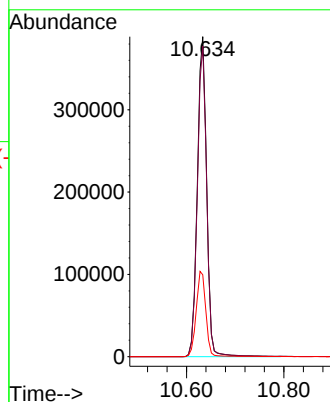
Tgt Ion:330 Resp: 522050

Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

141 27.6 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 95.324 ng

RT: 9.163 min Scan# 1202

Delta R.T. -0.018 min

Lab File: BF141277.D

Acq: 27 Jan 2025 17:18

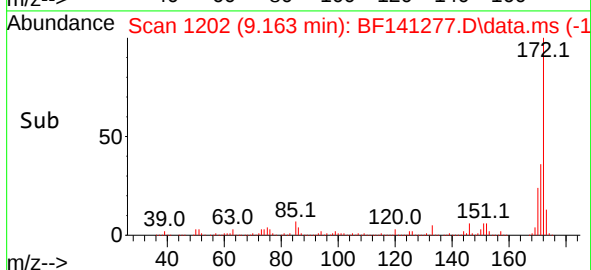
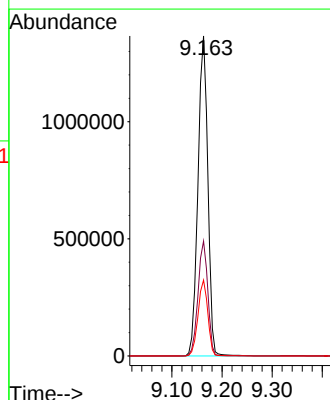
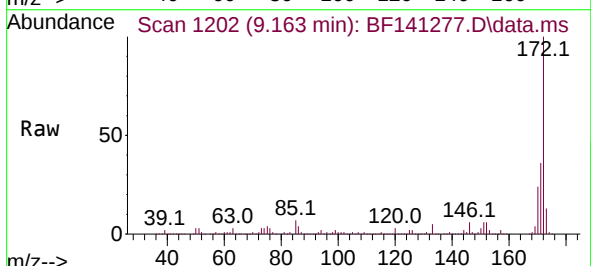
Tgt Ion:172 Resp: 1865456

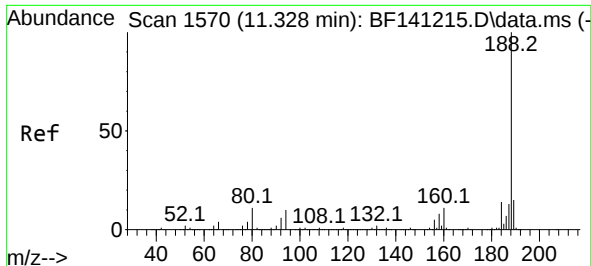
Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.7 19.0 28.6

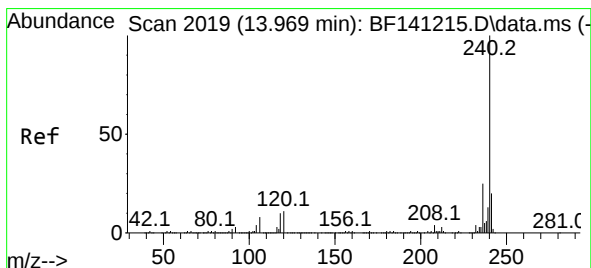
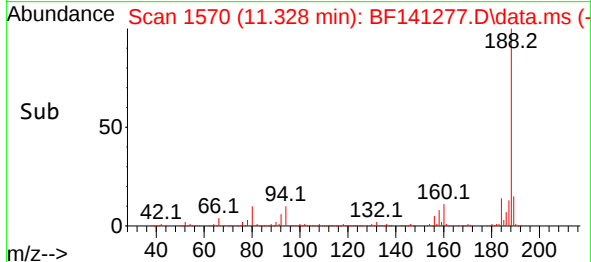
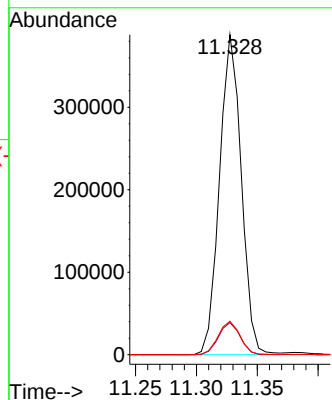
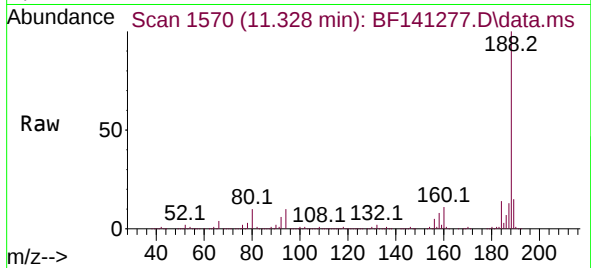




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

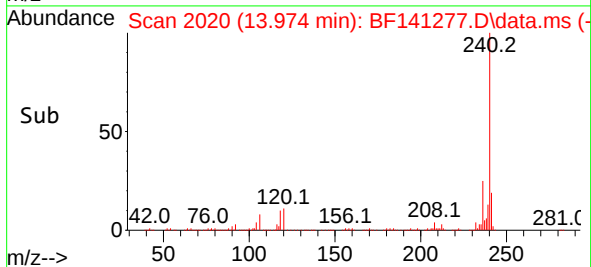
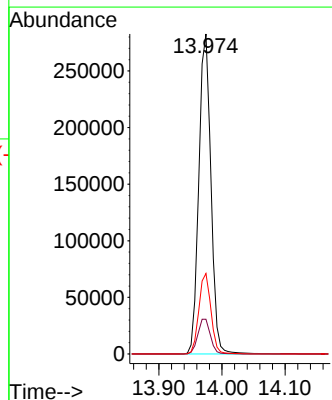
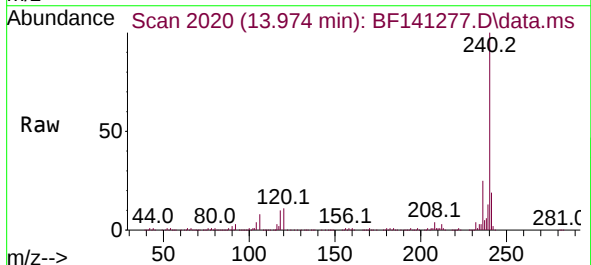
Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

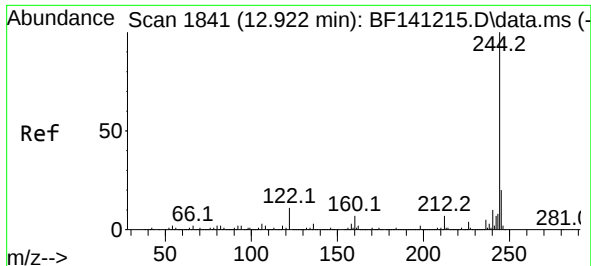
Tgt Ion:188 Resp: 482767
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.5 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

Tgt Ion:240 Resp: 374663
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 25.2 19.8 29.6

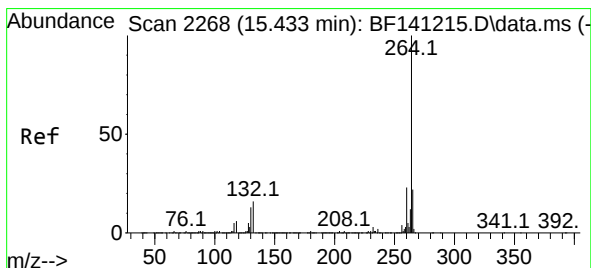
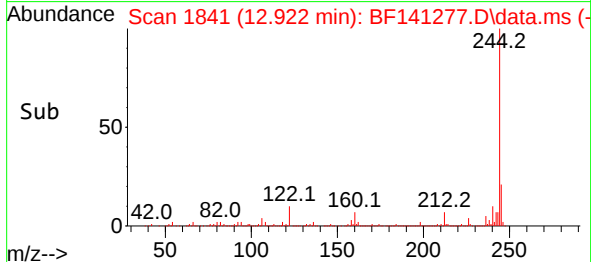
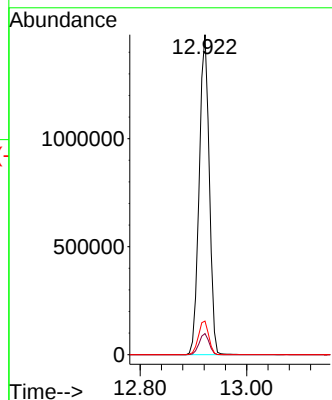
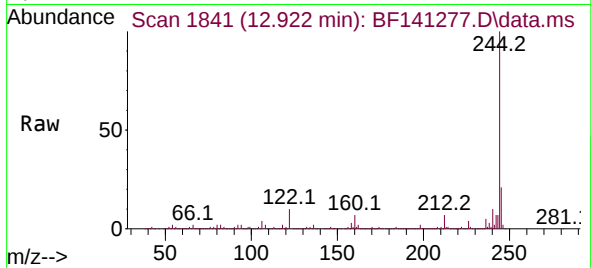




#79
 Terphenyl-d14
 Concen: 77.303 ng
 RT: 12.922 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141277.D
 Acq: 27 Jan 2025 17:18

Instrument :
 BNA_F
 ClientSampleId :
 SPILL-SITE

Tgt Ion:244 Resp: 1948621
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2270
 Delta R.T. 0.006 min
 Lab File: BF141277.D
 Acq: 27 Jan 2025 17:18

Tgt Ion:264 Resp: 376397
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.8 17.4 26.0

