

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143509.D
Acq On : 21 Aug 2025 03:23
Operator : RC/JU
Sample : Q2892-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

Quant Time: Aug 21 04:08:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	125725	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	486530	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	260239	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	396443	20.000	ng	0.00
76) Chrysene-d12	14.092	240	231166	20.000	ng	-0.01
86) Perylene-d12	15.592	264	270479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	586400	81.444	ng	0.00
7) Phenol-d6	6.557	99	751631	84.566	ng	-0.02
23) Nitrobenzene-d5	7.481	82	494493	59.310	ng	-0.02
42) 2,4,6-Tribromophenol	10.751	330	200846	82.911	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	961222	61.043	ng	0.00
79) Terphenyl-d14	13.033	244	787373	59.438	ng	0.00

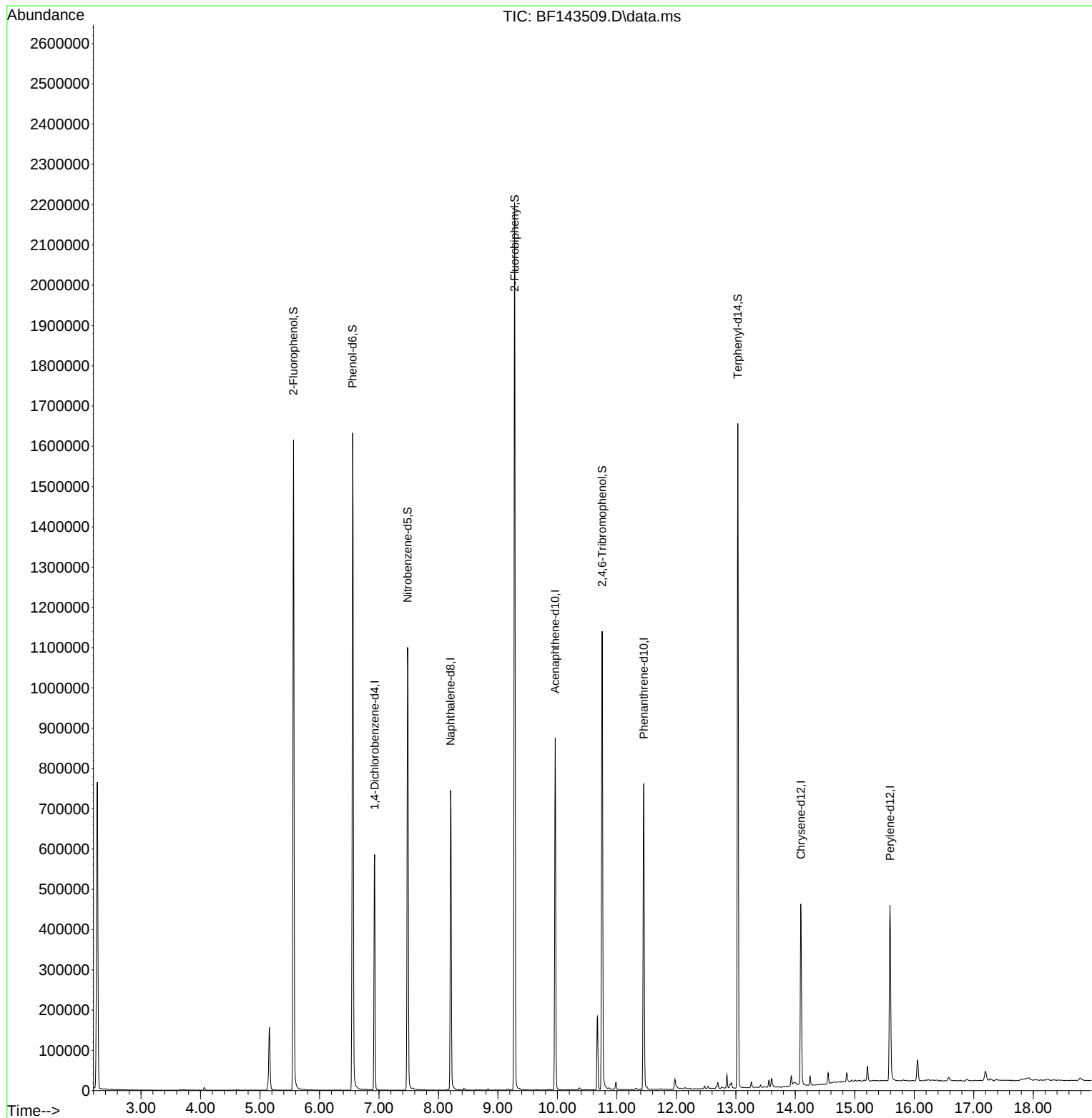
Target Compounds	Qvalue

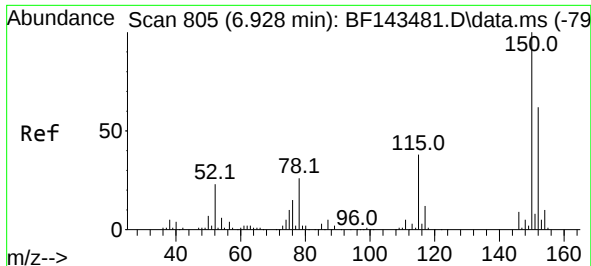
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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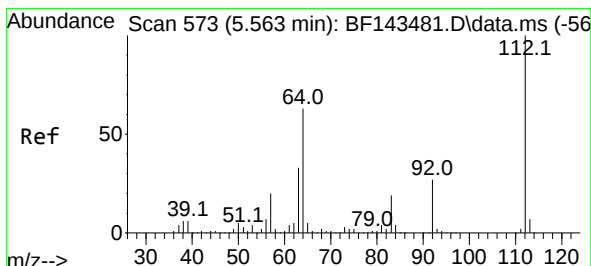
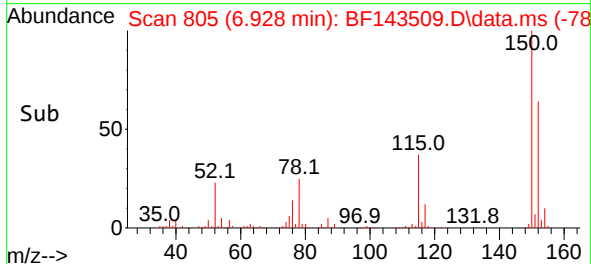
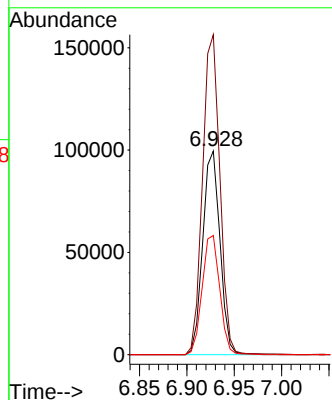
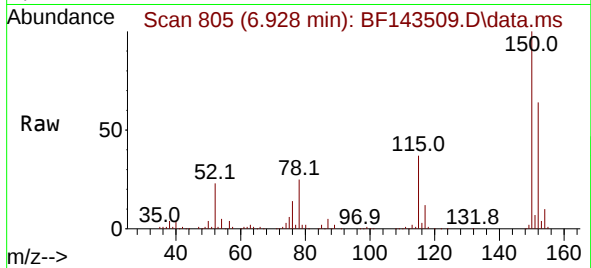




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143509.D
 Acq: 21 Aug 2025 03:23

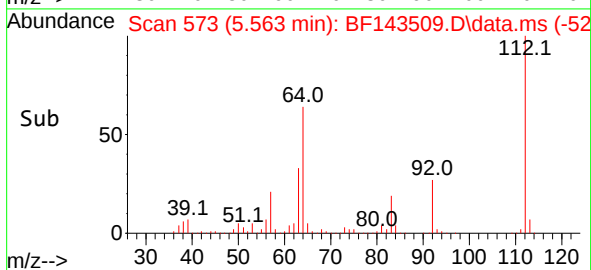
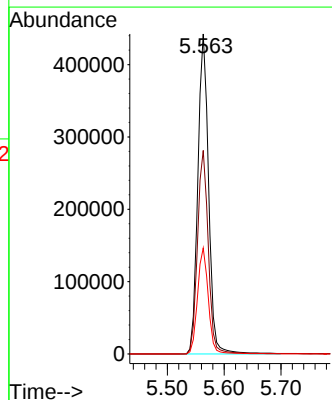
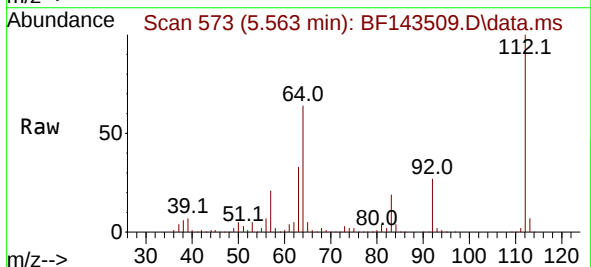
Instrument :
 BNA_F
 ClientSampleId :
 BACK-1-FLOOR-CENTER-MIDDLE-C

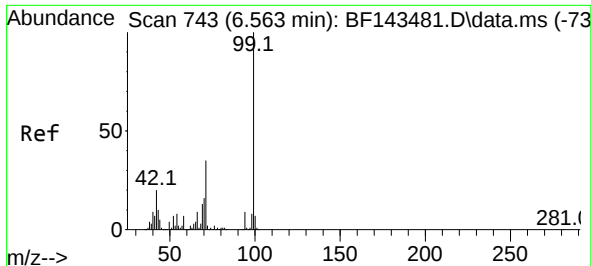
Tgt Ion:152 Resp: 125725
 Ion Ratio Lower Upper
 152 100
 150 157.1 128.9 193.3
 115 58.5 49.2 73.8



#5
 2-Fluorophenol
 Concen: 81.444 ng
 RT: 5.563 min Scan# 573
 Delta R.T. 0.000 min
 Lab File: BF143509.D
 Acq: 21 Aug 2025 03:23

Tgt Ion:112 Resp: 586400
 Ion Ratio Lower Upper
 112 100
 64 63.6 50.4 75.6
 63 33.1 26.4 39.6

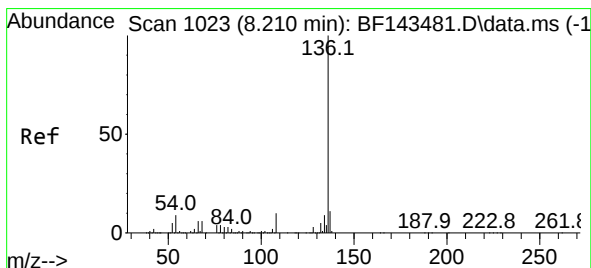
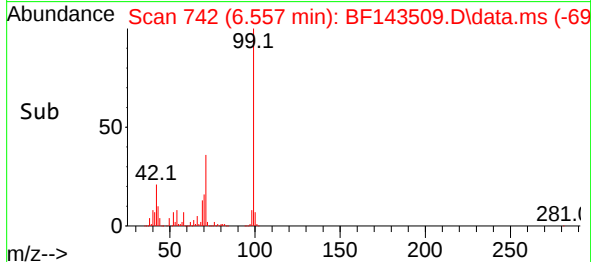
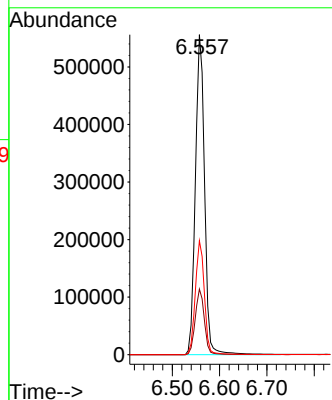
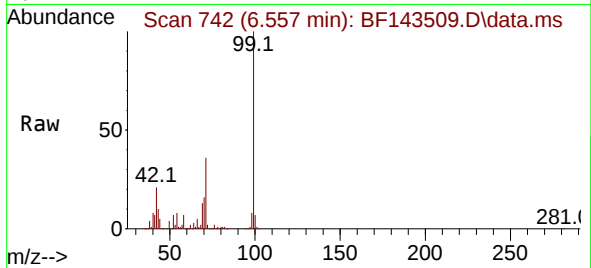




#7
Phenol-d6
Concen: 84.566 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF143509.D
Acq: 21 Aug 2025 03:23

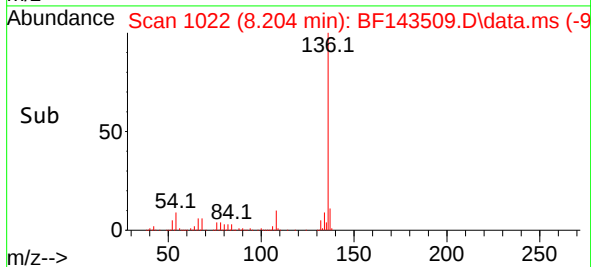
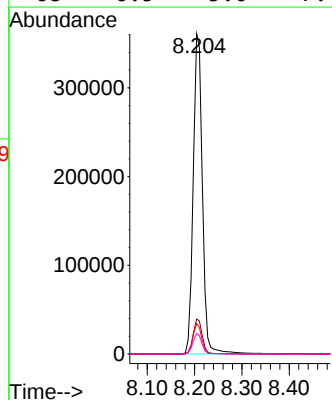
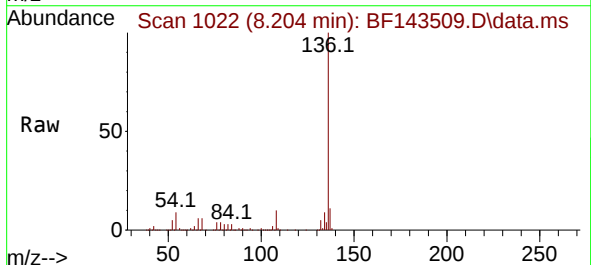
Instrument :
BNA_F
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

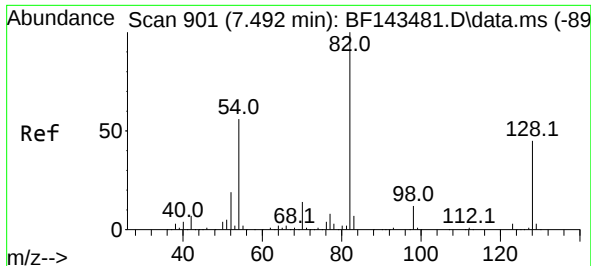
Tgt Ion: 99 Resp: 751631
Ion Ratio Lower Upper
99 100
42 20.5 16.3 24.5
71 35.6 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143509.D
Acq: 21 Aug 2025 03:23

Tgt Ion: 136 Resp: 486530
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.5 7.4 11.2
68 6.5 5.0 7.4

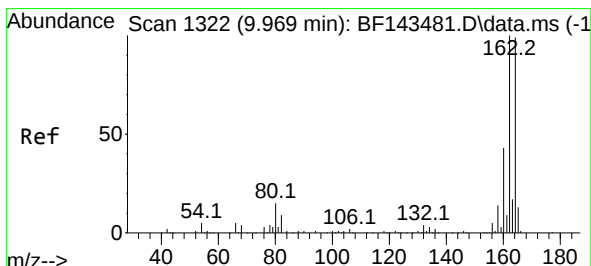
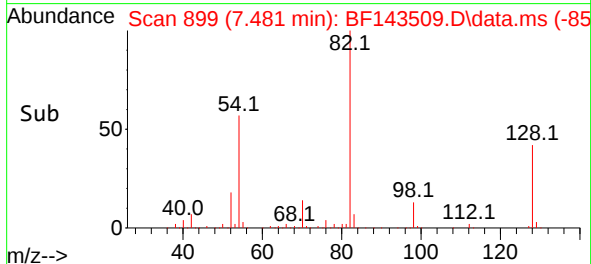
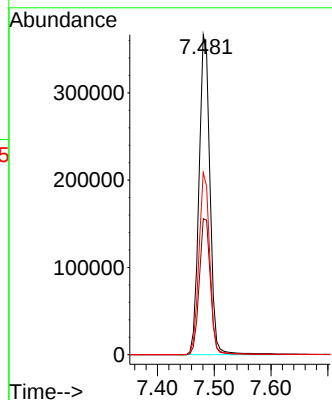
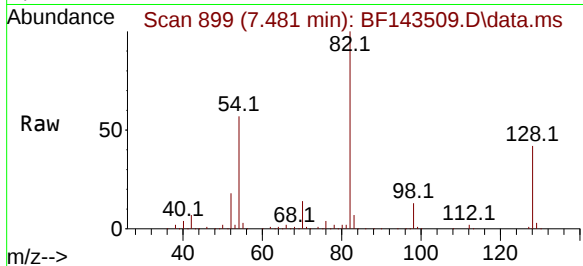




#23
Nitrobenzene-d5
Concen: 59.310 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF143509.D
Acq: 21 Aug 2025 03:23

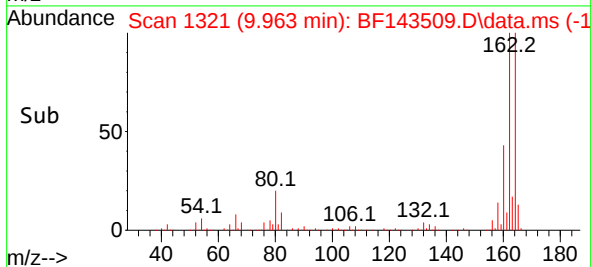
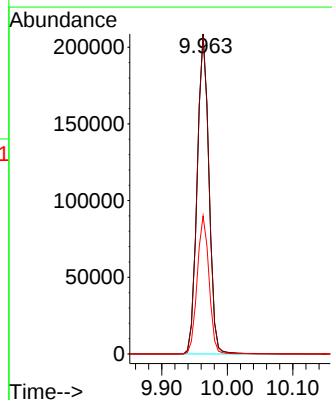
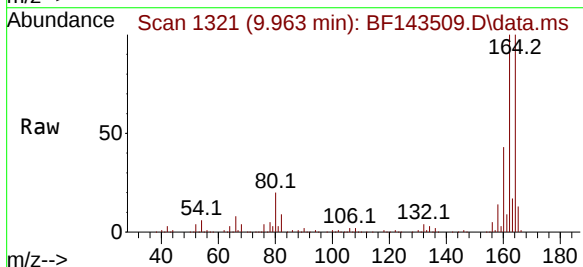
Instrument :
BNA_F
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

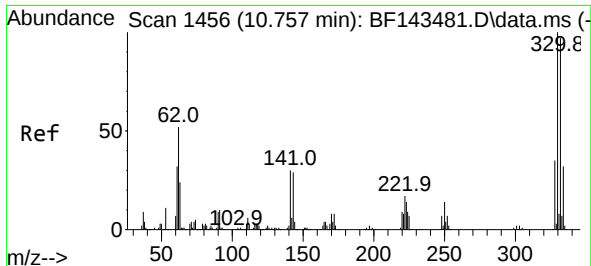
Tgt Ion: 82 Resp: 494493
Ion Ratio Lower Upper
82 100
128 42.5 35.5 53.3
54 56.9 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143509.D
Acq: 21 Aug 2025 03:23

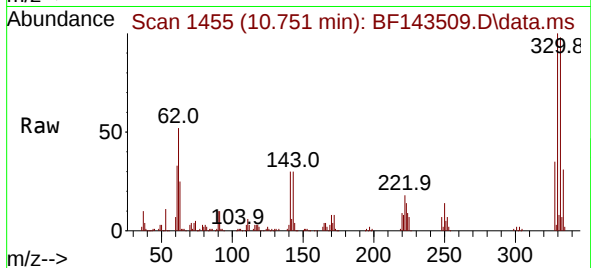
Tgt Ion:164 Resp: 260239
Ion Ratio Lower Upper
164 100
162 99.5 80.5 120.7
160 43.2 34.3 51.5



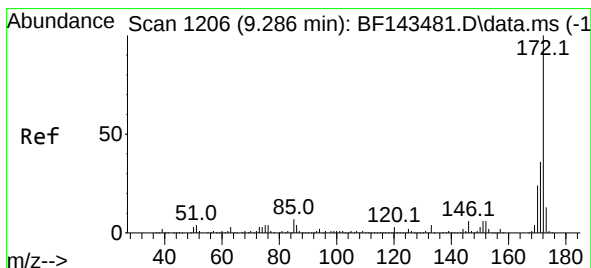
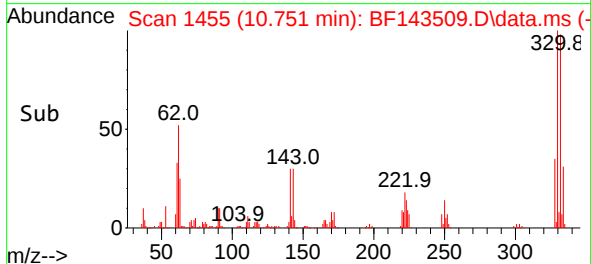
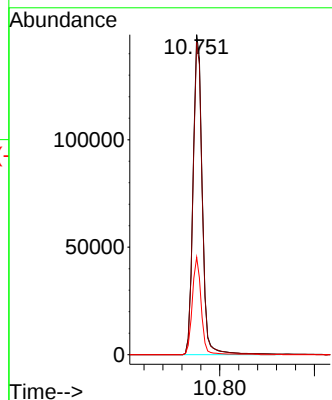


#42
2,4,6-Tribromophenol
Concen: 82.911 ng
RT: 10.751 min Scan# 1456
Delta R.T. -0.012 min
Lab File: BF143509.D
Acq: 21 Aug 2025 03:23

Instrument :
BNA_F
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

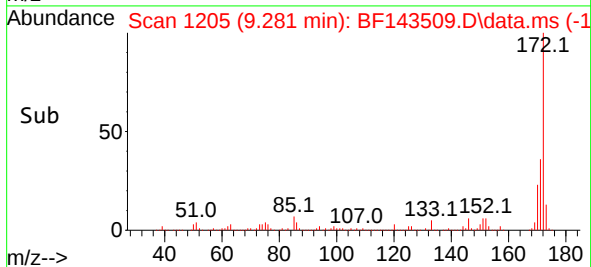
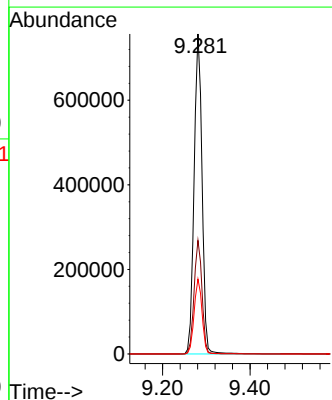
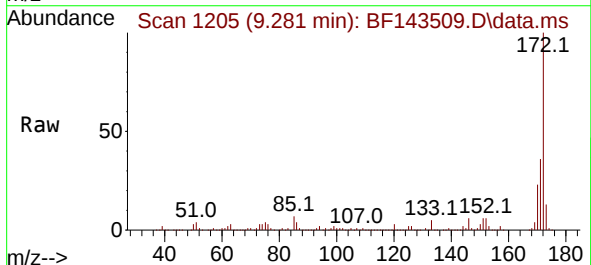


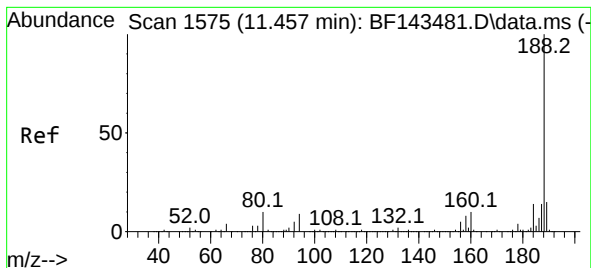
Tgt Ion:330 Resp: 200846
Ion Ratio Lower Upper
330 100
332 97.8 78.0 117.0
141 29.8 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 61.043 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143509.D
Acq: 21 Aug 2025 03:23

Tgt Ion:172 Resp: 961222
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143509.D

Acq: 21 Aug 2025 03:23

Instrument :

BNA_F

ClientSampleId :

BACK-1-FLOOR-CENTER-MIDDLE-C

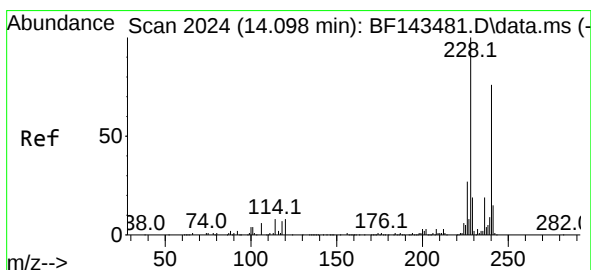
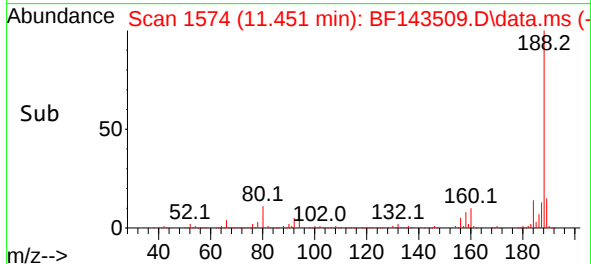
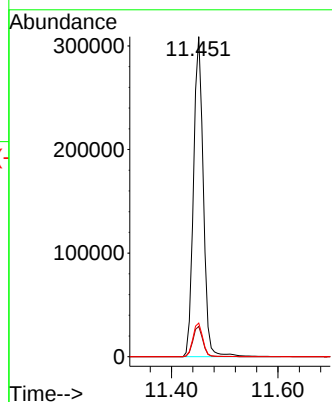
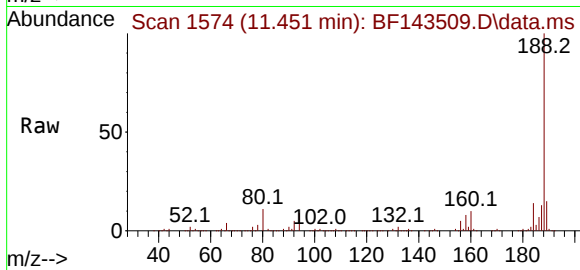
Tgt Ion:188 Resp: 396443

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.5 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF143509.D

Acq: 21 Aug 2025 03:23

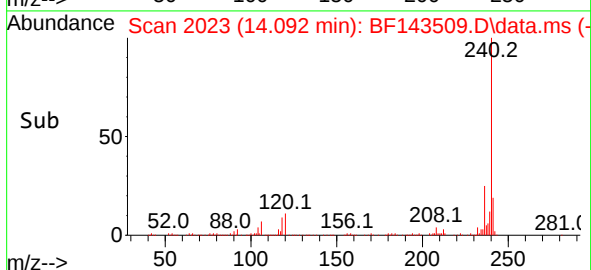
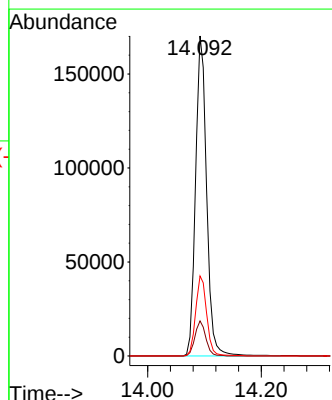
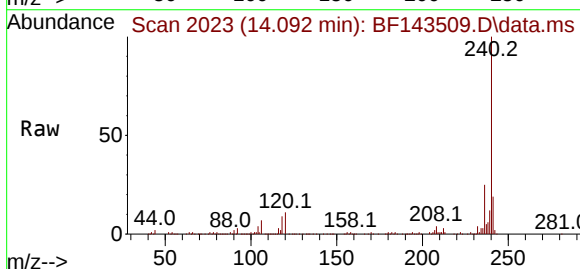
Tgt Ion:240 Resp: 231166

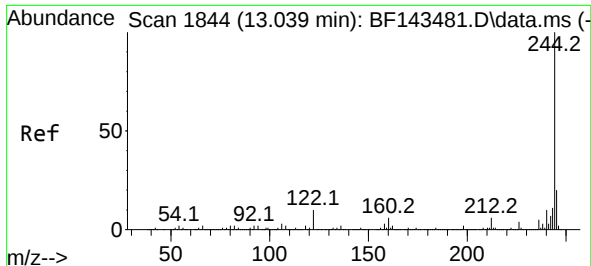
Ion Ratio Lower Upper

240 100

120 10.9 8.6 12.8

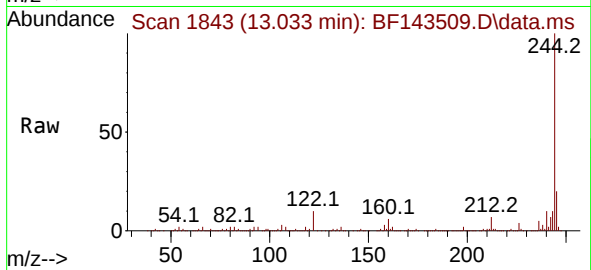
236 25.0 20.4 30.6



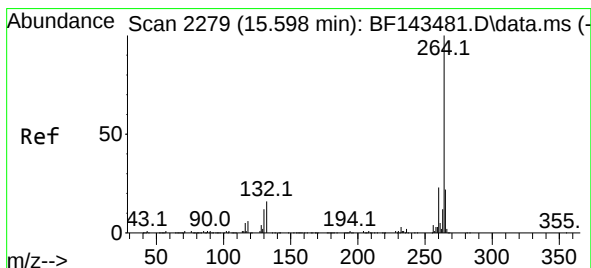
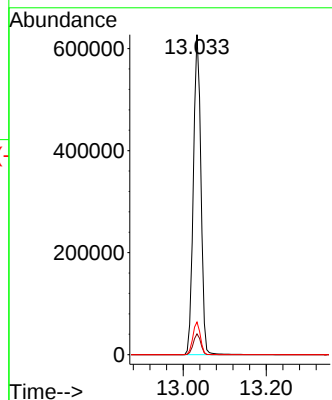
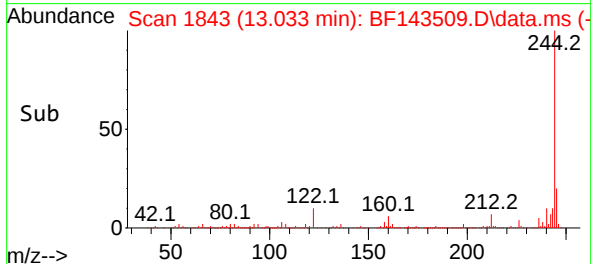


#79
 Terphenyl-d14
 Concen: 59.438 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143509.D
 Acq: 21 Aug 2025 03:23

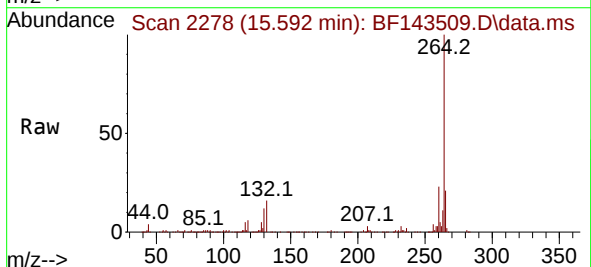
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Tgt Ion:244 Resp: 787373
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.2 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF143509.D
 Acq: 21 Aug 2025 03:23



Tgt Ion:264 Resp: 270479
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.7 28.1
 265 21.2 17.6 26.4

