

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143295.D
 Acq On : 04 Aug 2025 14:40
 Operator : RC/JU
 Sample : Q2753-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 289

Quant Time: Aug 04 15:10:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

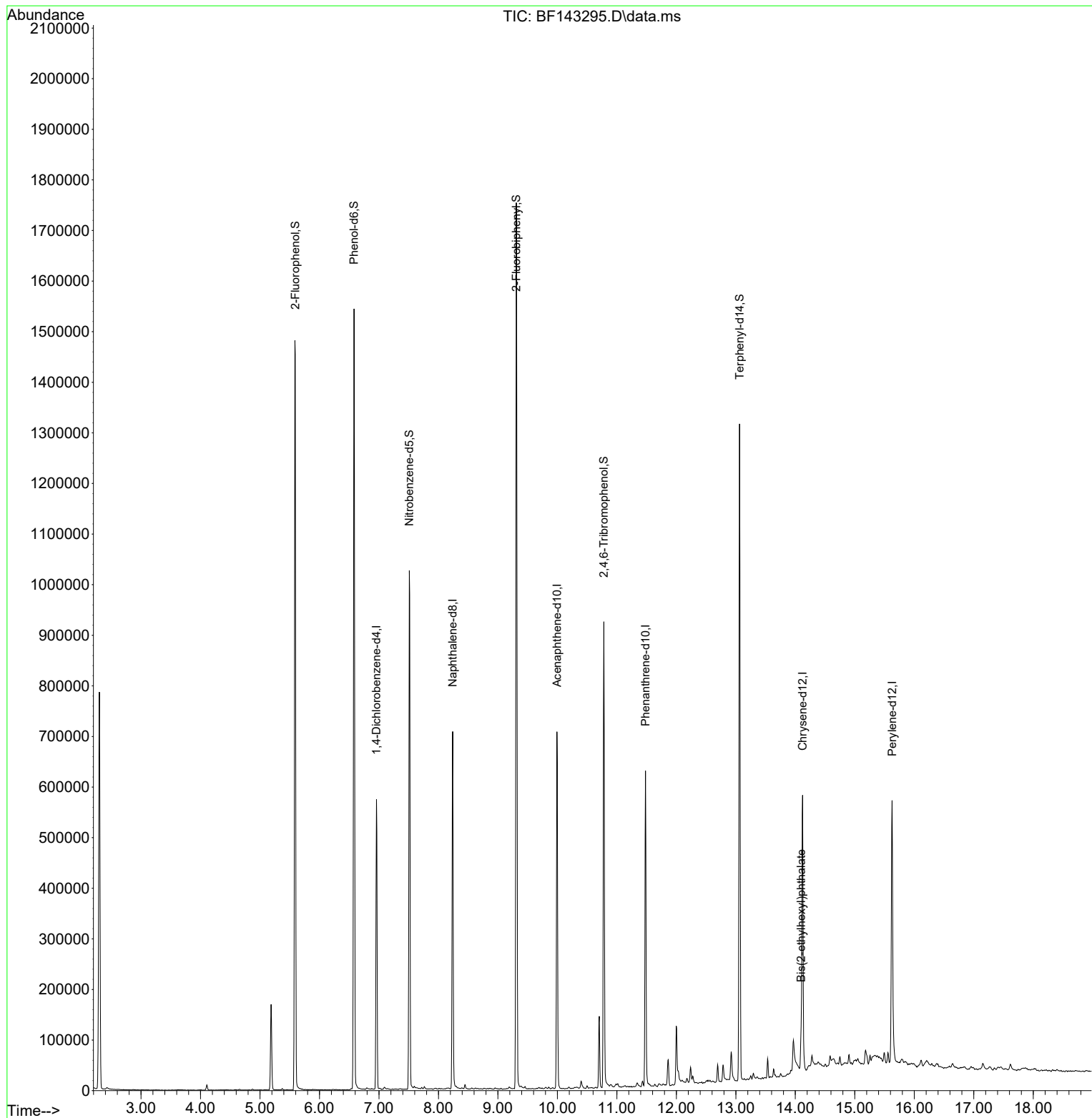
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	114816	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	427075	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	206086	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	305714	20.000	ng	0.00
76) Chrysene-d12	14.121	240	254399	20.000	ng	0.00
86) Perylene-d12	15.627	264	299785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	548779	75.636	ng	0.00
7) Phenol-d6	6.581	99	695780	76.188	ng	0.00
23) Nitrobenzene-d5	7.510	82	444187	51.844	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	157204	73.840	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	764396	50.727	ng	-0.01
79) Terphenyl-d14	13.063	244	608953	35.621	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.098	149	22953	2.281	ng	Qvalue 97

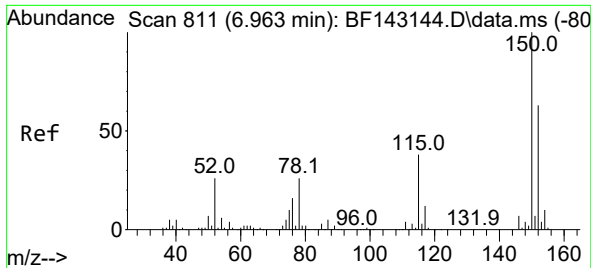
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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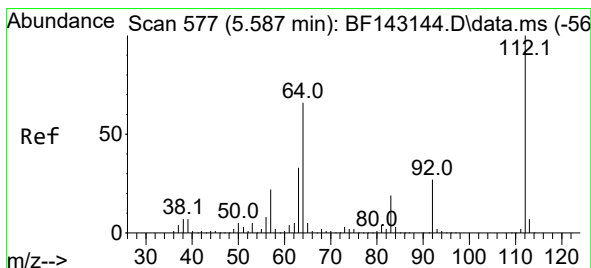
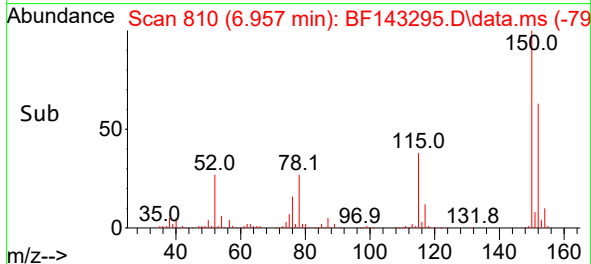
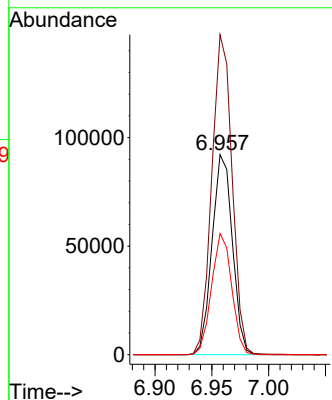
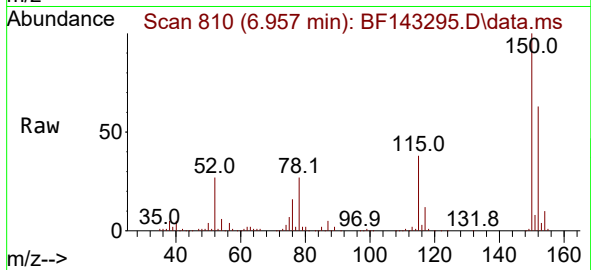




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143295.D
Acq: 04 Aug 2025 14:40

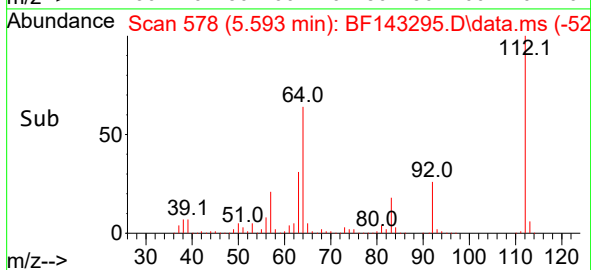
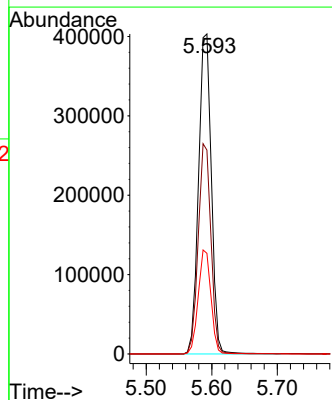
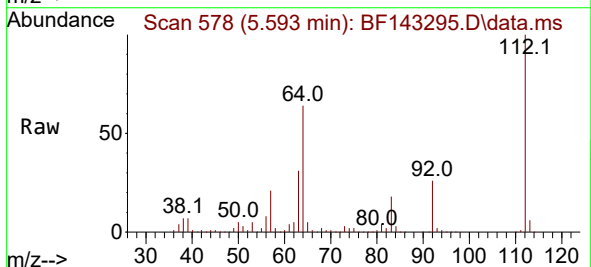
Instrument :
BNA_F
ClientSampleId :
289

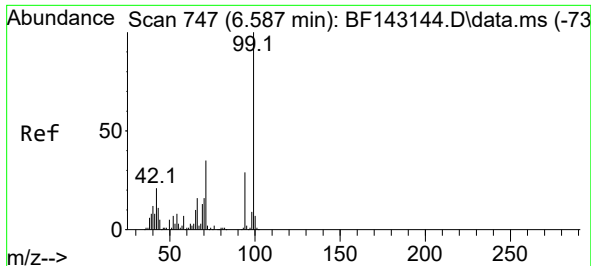
Tgt Ion:152 Resp: 114816
Ion Ratio Lower Upper
152 100
150 160.0 128.2 192.4
115 60.5 47.9 71.9



#5
2-Fluorophenol
Concen: 75.636 ng
RT: 5.593 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143295.D
Acq: 04 Aug 2025 14:40

Tgt Ion:112 Resp: 548779
Ion Ratio Lower Upper
112 100
64 63.7 53.1 79.7
63 31.5 26.6 40.0

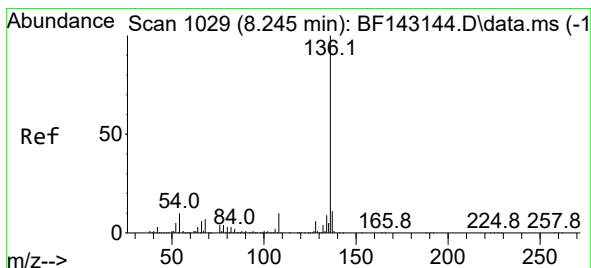
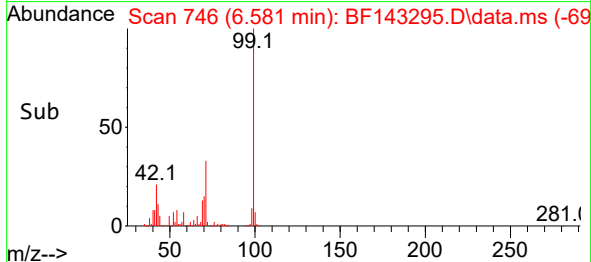
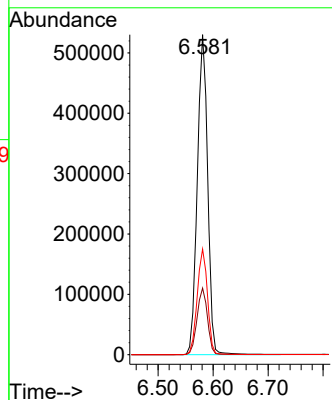
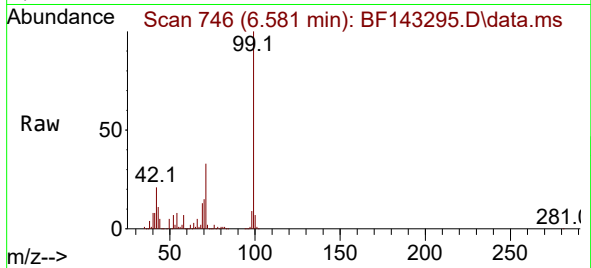




#7
Phenol-d6
Concen: 76.188 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143295.D
Acq: 04 Aug 2025 14:40

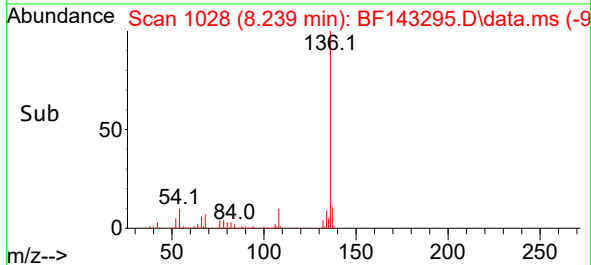
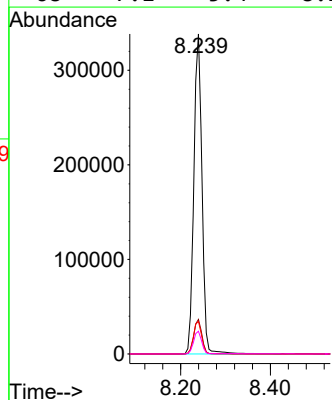
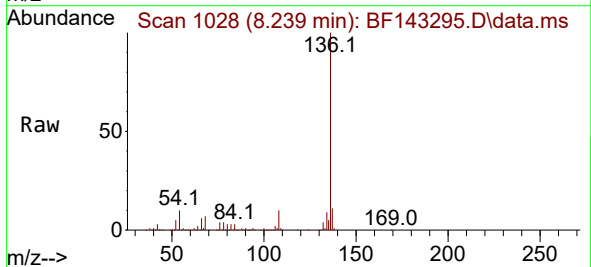
Instrument :
BNA_F
ClientSampleId :
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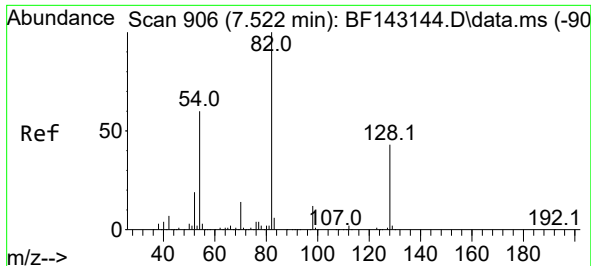
Tgt Ion: 99 Resp: 695780
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 33.0 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143295.D
Acq: 04 Aug 2025 14:40

Tgt Ion: 136 Resp: 427075
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.2 8.2 12.2
68 7.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 51.844 ng

RT: 7.510 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF143295.D

Acq: 04 Aug 2025 14:40

Instrument :

BNA_F

ClientSampleId :

289

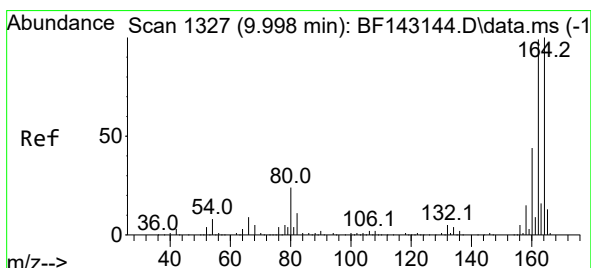
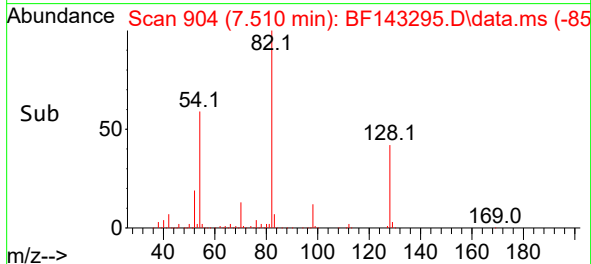
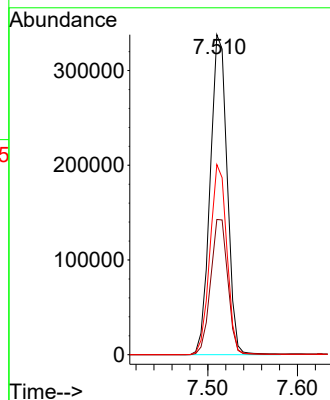
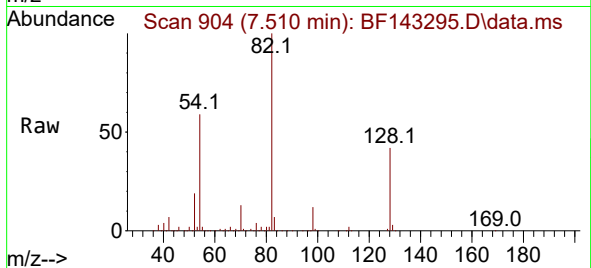
Tgt Ion: 82 Resp: 444187

Ion Ratio Lower Upper

82 100

128 42.3 33.6 50.4

54 59.4 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF143295.D

Acq: 04 Aug 2025 14:40

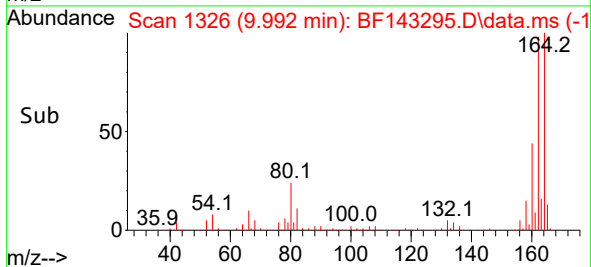
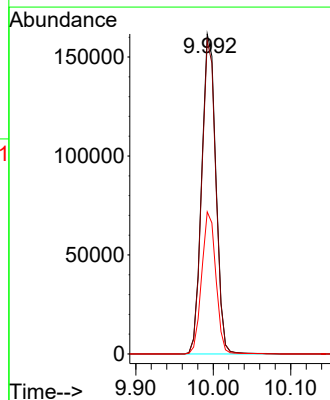
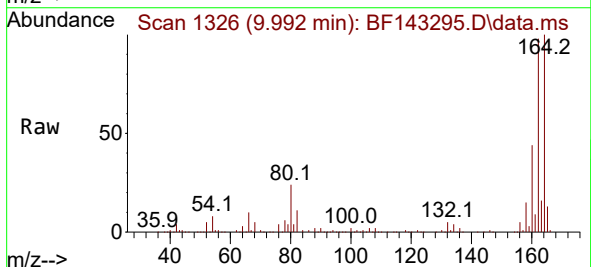
Tgt Ion: 164 Resp: 206086

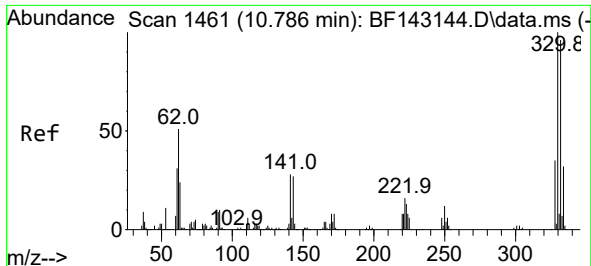
Ion Ratio Lower Upper

164 100

162 97.9 79.0 118.6

160 44.4 35.1 52.7

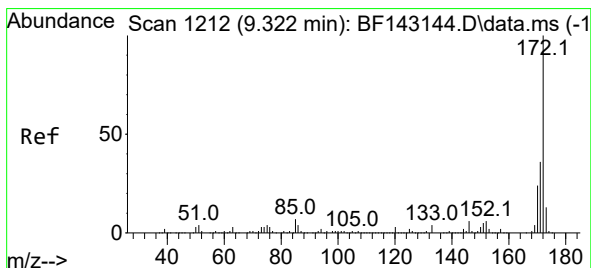
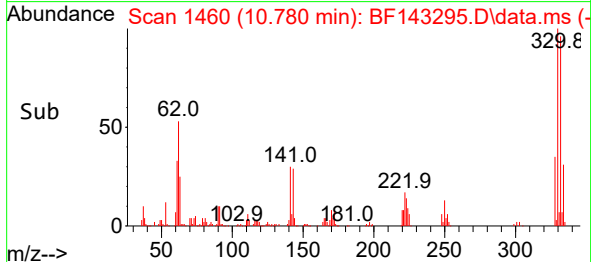
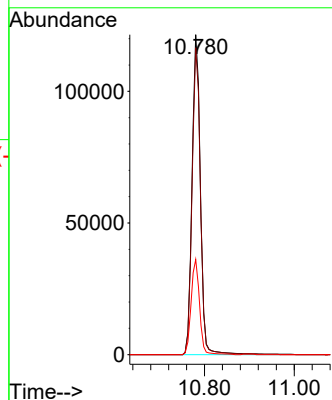
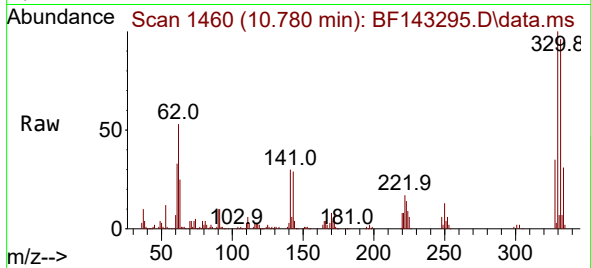




#42
2,4,6-Tribromophenol
Concen: 73.840 ng
RT: 10.780 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143295.D
Acq: 04 Aug 2025 14:40

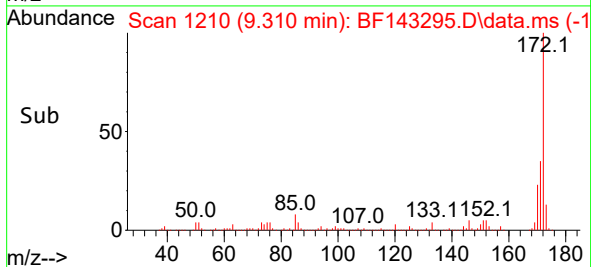
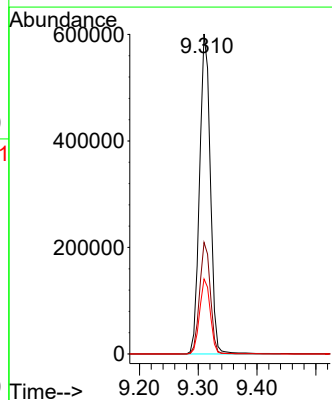
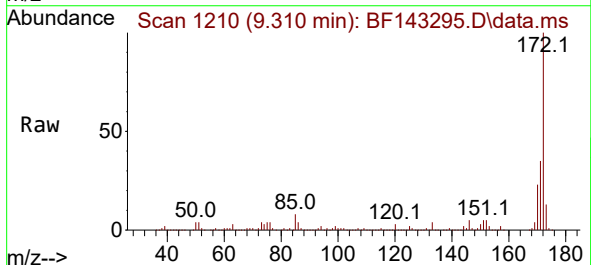
Instrument :
BNA_F
ClientSampleId :
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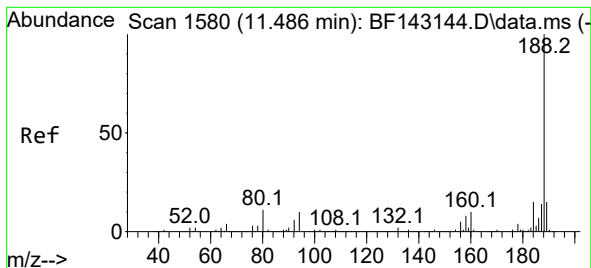
Tgt Ion:330 Resp: 157204
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 30.0 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 50.727 ng
RT: 9.310 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF143295.D
Acq: 04 Aug 2025 14:40

Tgt Ion:172 Resp: 764396
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143295.D

Acq: 04 Aug 2025 14:40

Instrument :

BNA_F

ClientSampleId :

289

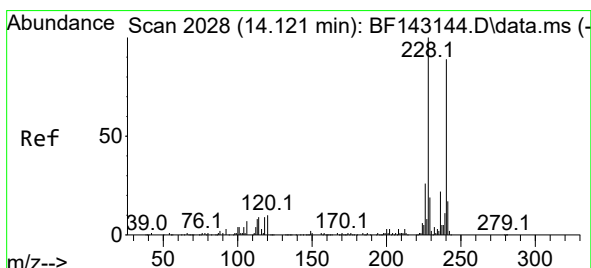
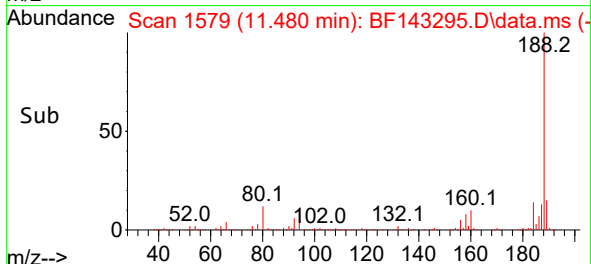
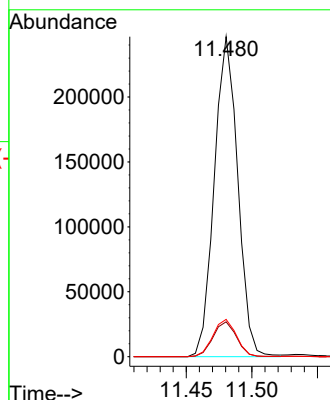
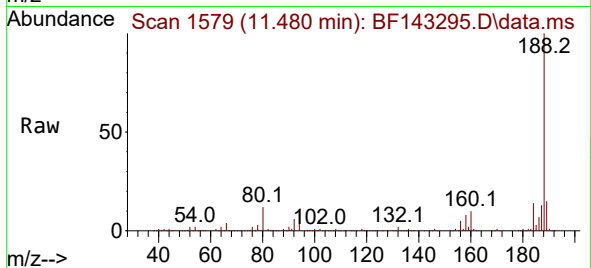
Tgt Ion:188 Resp: 305714

Ion Ratio Lower Upper

188 100

94 10.9 8.3 12.5

80 11.6 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF143295.D

Acq: 04 Aug 2025 14:40

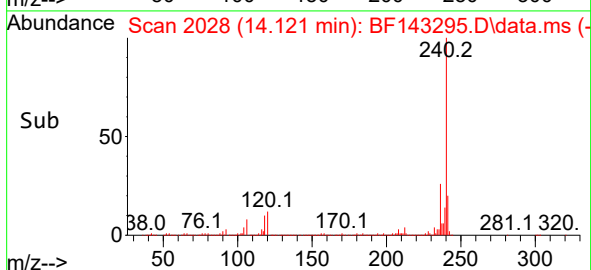
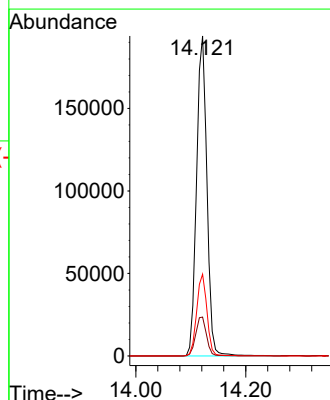
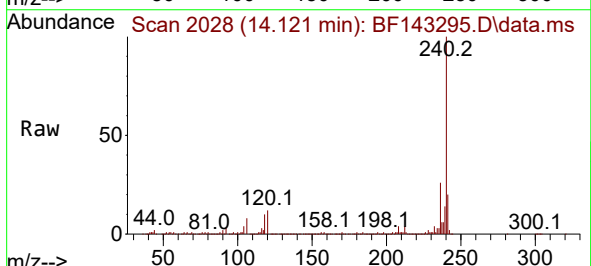
Tgt Ion:240 Resp: 254399

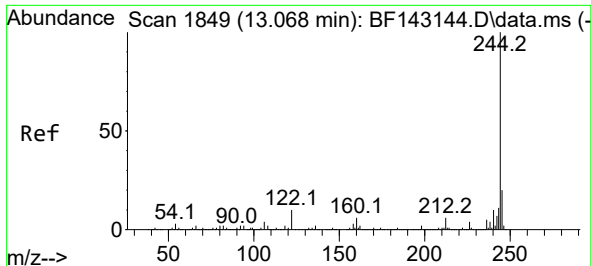
Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

236 25.6 20.2 30.4

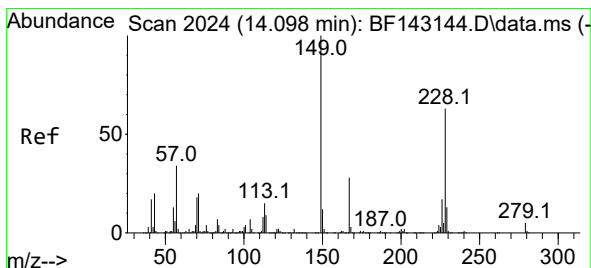
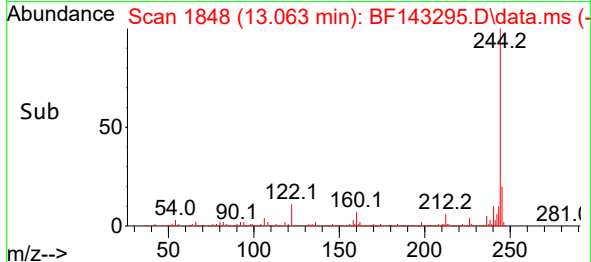
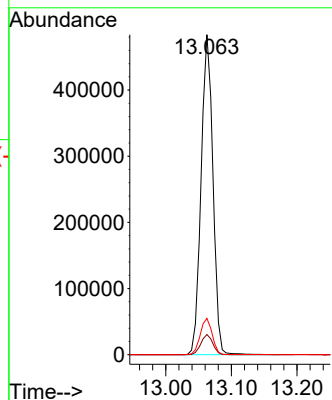
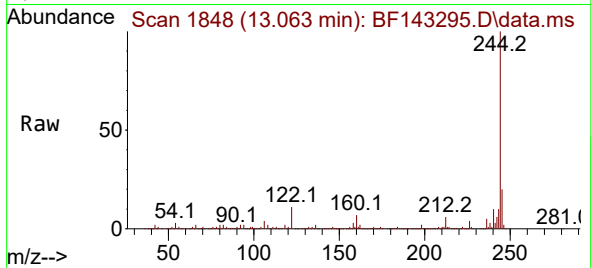




#79
 Terphenyl-d14
 Concen: 35.621 ng
 RT: 13.063 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF143295.D
 Acq: 04 Aug 2025 14:40

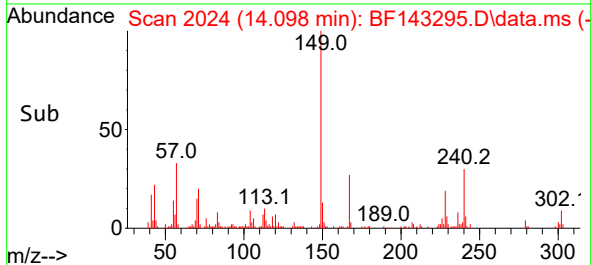
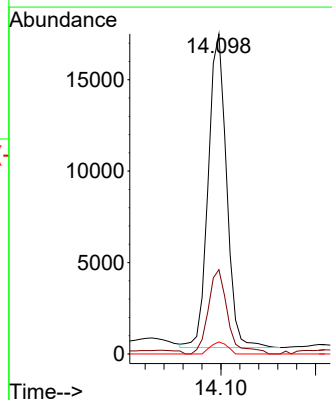
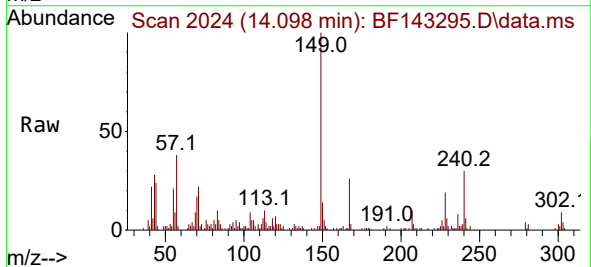
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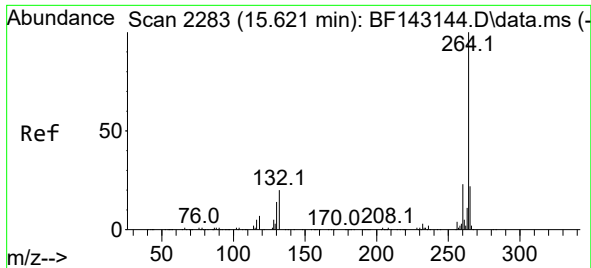
Tgt Ion:244 Resp: 608953
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 11.4 8.2 12.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.281 ng
 RT: 14.098 min Scan# 2024
 Delta R.T. 0.000 min
 Lab File: BF143295.D
 Acq: 04 Aug 2025 14:40

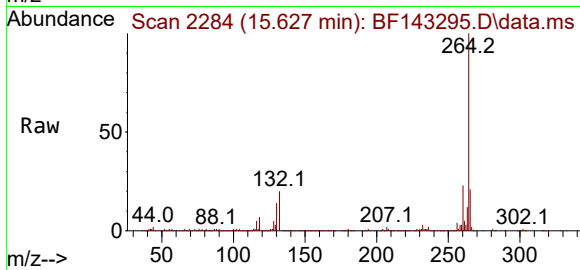
Tgt Ion:149 Resp: 22953
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.3 33.5
 279 3.8 3.6 5.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143295.D
Acq: 04 Aug 2025 14:40

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 299785
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.0 17.4 26.2

