

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
 Data File : BF141952.D
 Acq On : 13 Mar 2025 20:39
 Operator : RC/JU
 Sample : Q1547-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-02

Quant Time: Mar 14 10:40:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	152520	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	616349	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	356942	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	609471	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	338044	20.000	ng	-0.01
86) Perylene-d12	15.498	264	335350	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	838644	91.769	ng	0.00
7) Phenol-d6	6.492	99	1062237	91.293	ng	-0.01
23) Nitrobenzene-d5	7.434	82	683005	62.362	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	388894	85.881	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1390684	59.252	ng	-0.01
79) Terphenyl-d14	12.974	244	1492726	65.285	ng	-0.01

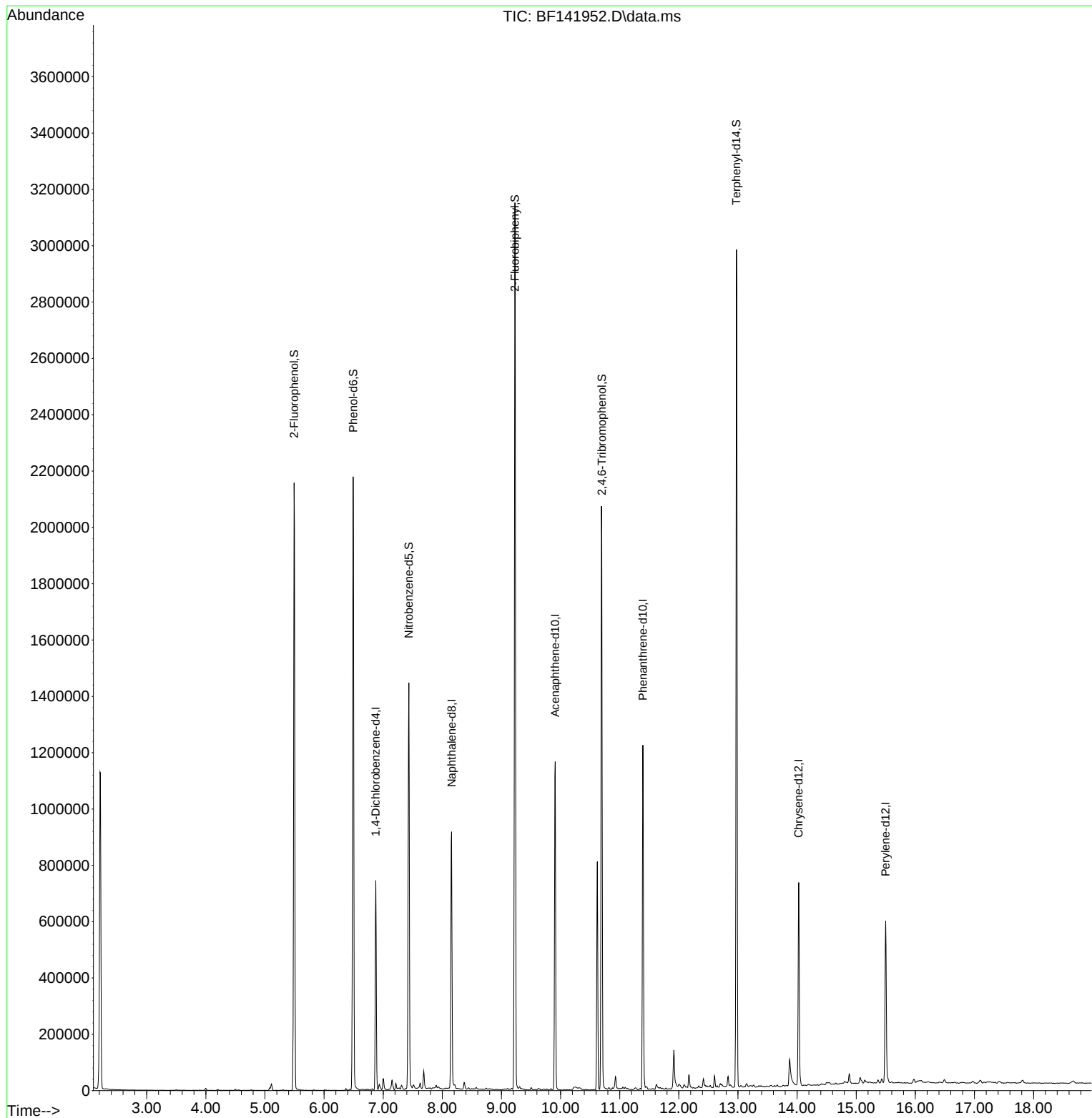
Target Compounds	Qvalue

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

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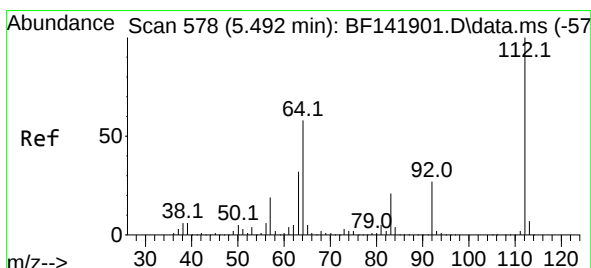
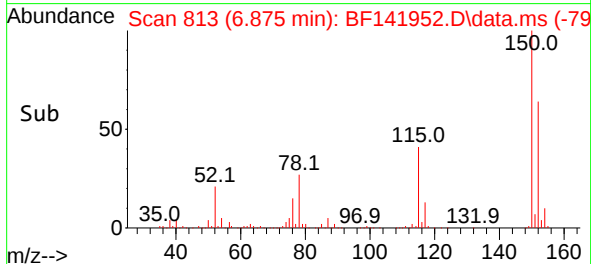
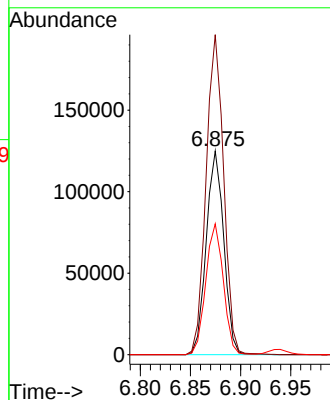
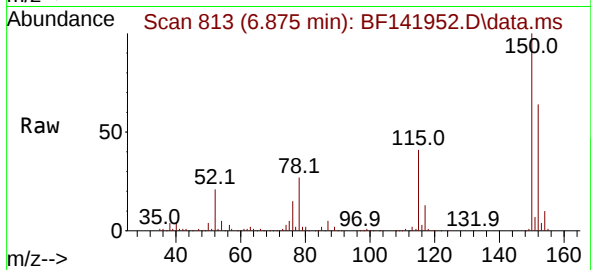




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF141952.D
Acq: 13 Mar 2025 20:39

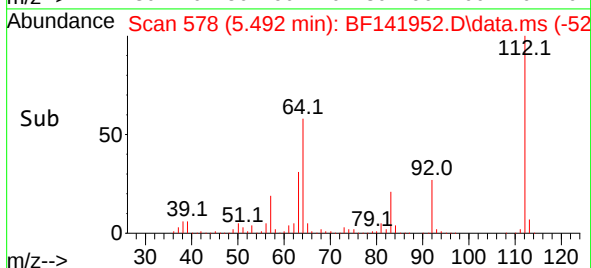
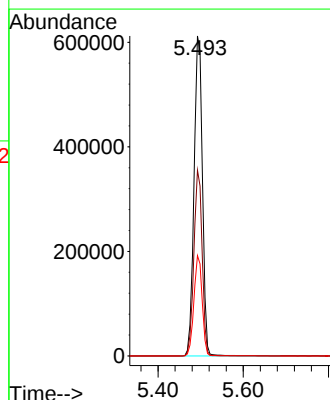
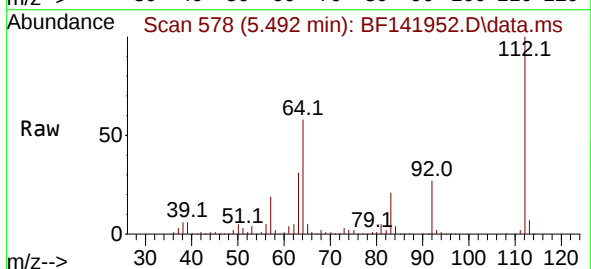
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-02

Tgt Ion:152 Resp: 152520
Ion Ratio Lower Upper
152 100
150 157.1 127.4 191.2
115 64.3 51.9 77.9



#5
2-Fluorophenol
Concen: 91.769 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF141952.D
Acq: 13 Mar 2025 20:39

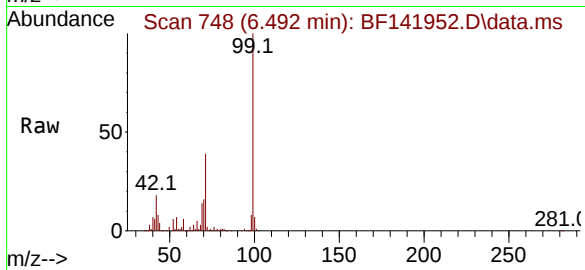
Tgt Ion:112 Resp: 838644
Ion Ratio Lower Upper
112 100
64 58.1 46.5 69.7
63 31.4 25.4 38.2





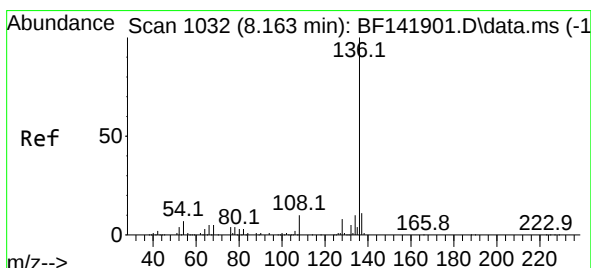
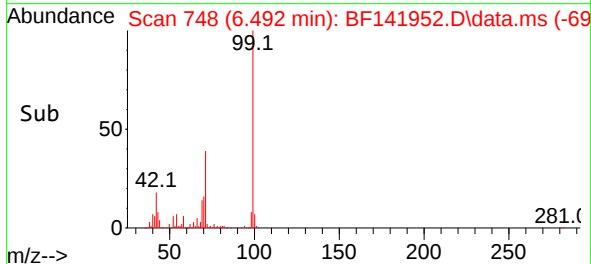
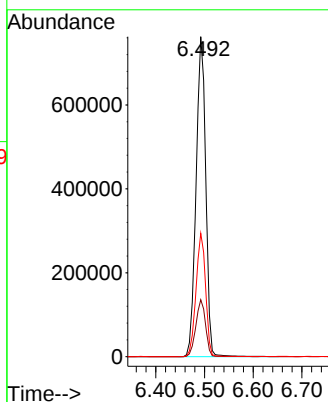
#7
Phenol-d6
Concen: 91.293 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141952.D
Acq: 13 Mar 2025 20:39

Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-02



Tgt Ion: 99 Resp: 1062237

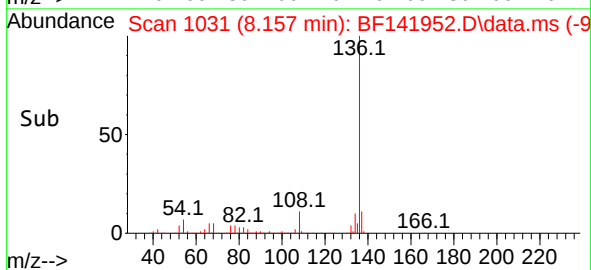
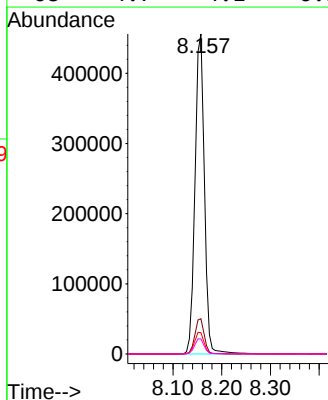
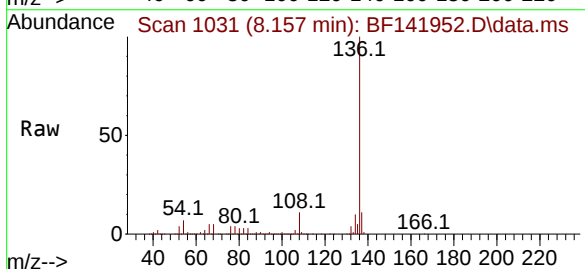
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.6	21.8
71	38.5	30.8	46.2

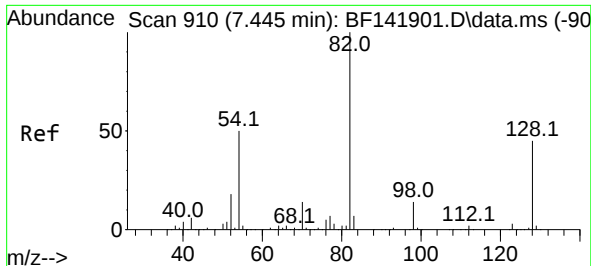


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141952.D
Acq: 13 Mar 2025 20:39

Tgt Ion: 136 Resp: 616349

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.6	5.8	8.8
68	4.7	4.1	6.1





#23

Nitrobenzene-d5

Concen: 62.362 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF141952.D

Acq: 13 Mar 2025 20:39

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-02

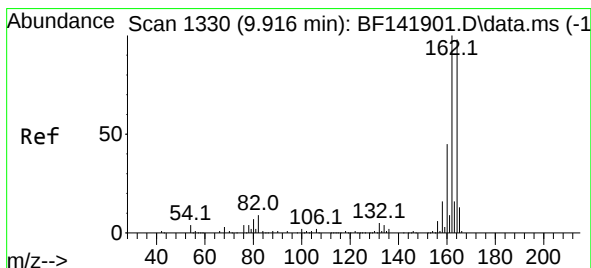
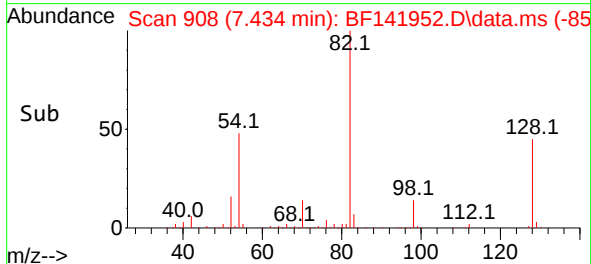
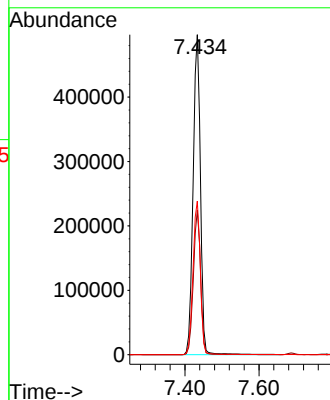
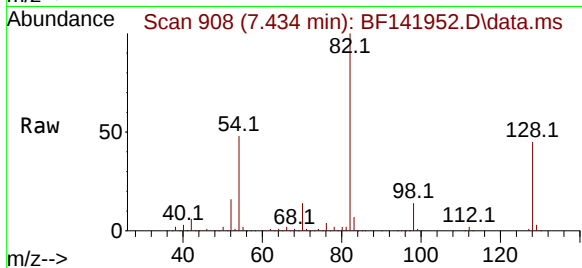
Tgt Ion: 82 Resp: 683005

Ion Ratio Lower Upper

82 100

128 45.2 36.0 54.0

54 48.0 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF141952.D

Acq: 13 Mar 2025 20:39

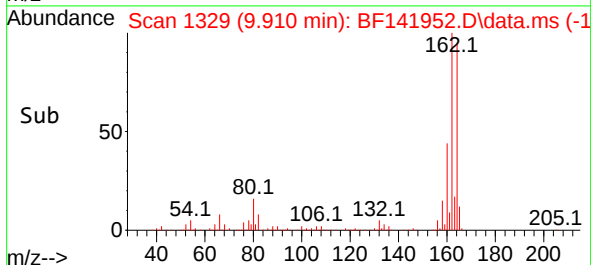
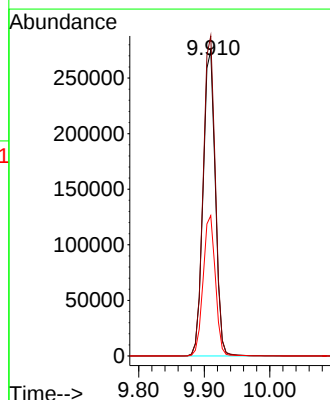
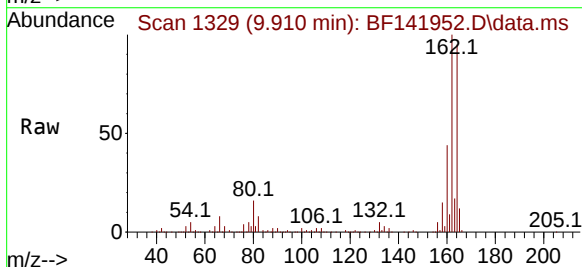
Tgt Ion:164 Resp: 356942

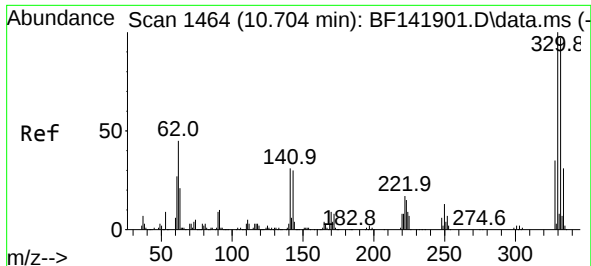
Ion Ratio Lower Upper

164 100

162 104.8 81.8 122.6

160 46.0 36.7 55.1

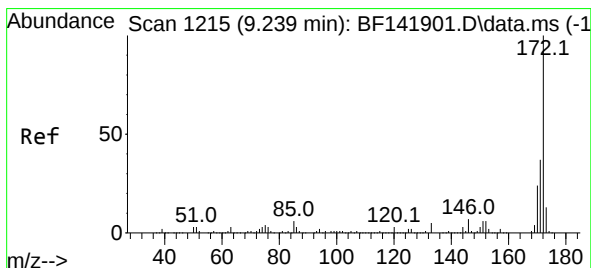
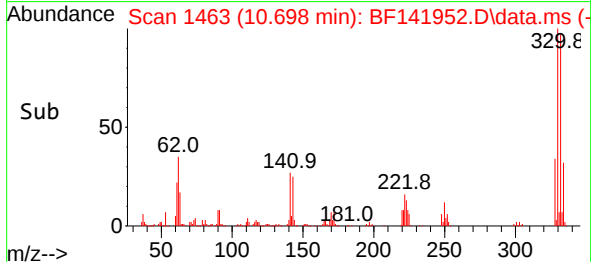
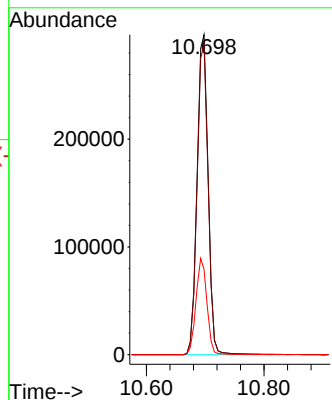
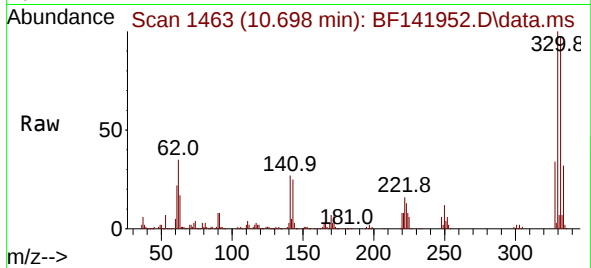




#42
2,4,6-Tribromophenol
Concen: 85.881 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF141952.D
Acq: 13 Mar 2025 20:39

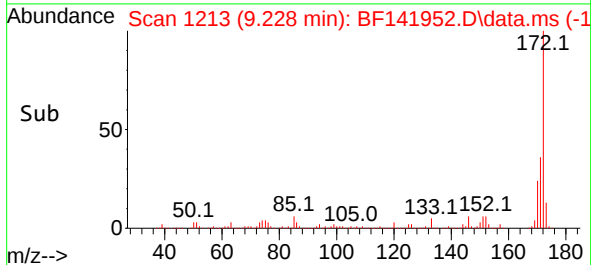
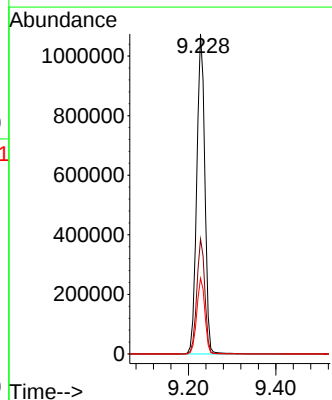
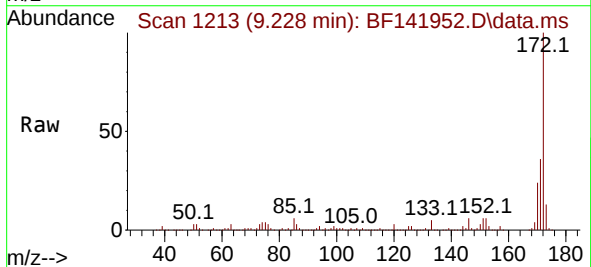
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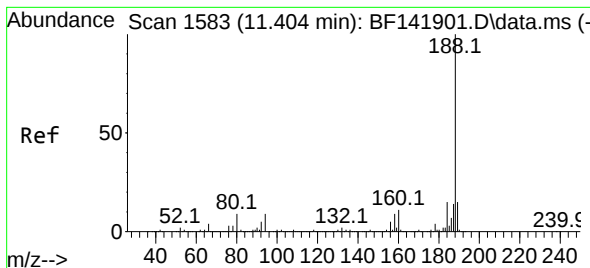
Tgt Ion:330 Resp: 388894
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 29.9 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 59.252 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF141952.D
Acq: 13 Mar 2025 20:39

Tgt Ion:172 Resp: 1390684
Ion Ratio Lower Upper
172 100
171 35.9 29.3 43.9
170 23.7 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141952.D

Acq: 13 Mar 2025 20:39

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-02

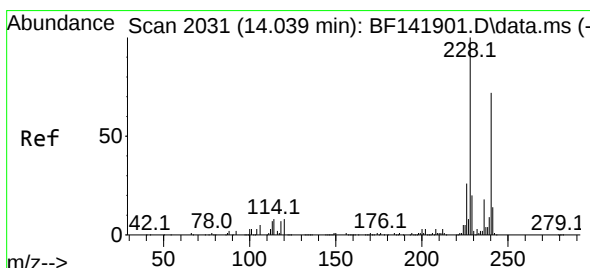
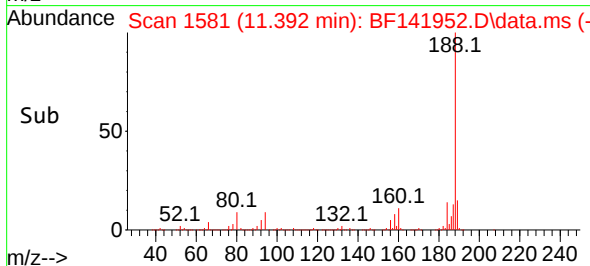
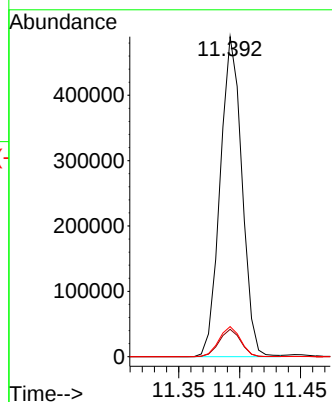
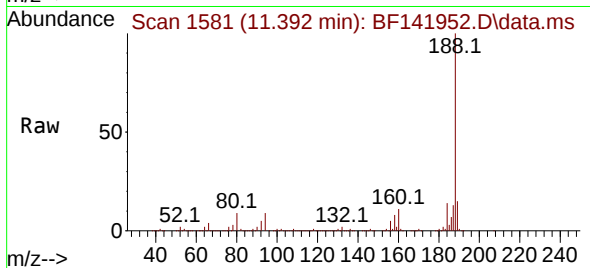
Tgt Ion:188 Resp: 609471

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 9.4 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.012 min

Lab File: BF141952.D

Acq: 13 Mar 2025 20:39

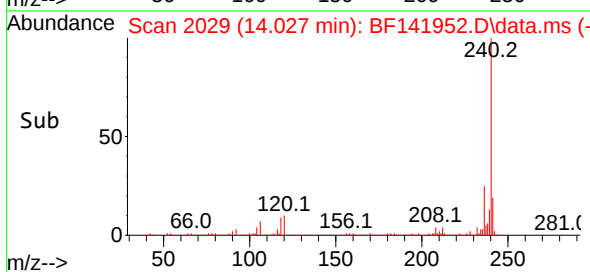
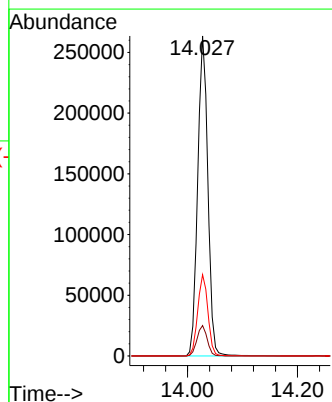
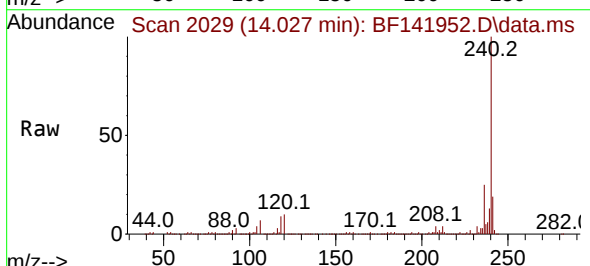
Tgt Ion:240 Resp: 338044

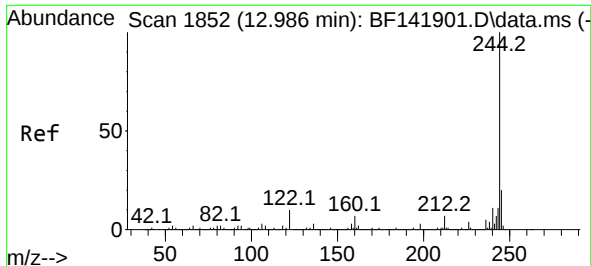
Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

236 25.4 20.5 30.7

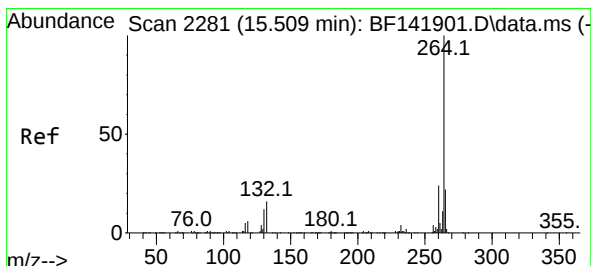
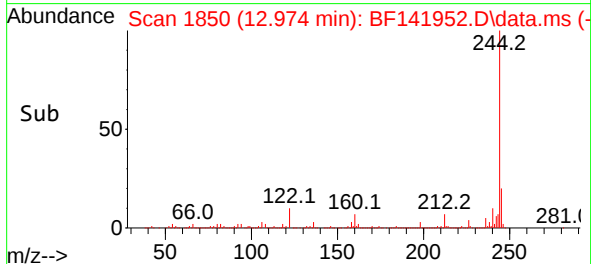
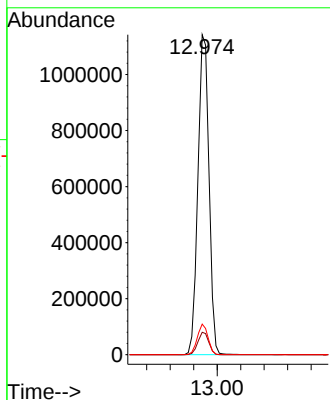
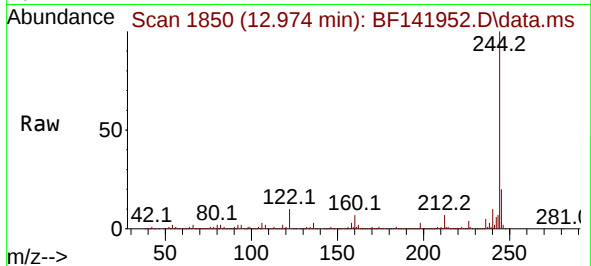




#79
 Terphenyl-d14
 Concen: 65.285 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.012 min
 Lab File: BF141952.D
 Acq: 13 Mar 2025 20:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-02

Tgt Ion:244 Resp: 1492726
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.5 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.012 min
 Lab File: BF141952.D
 Acq: 13 Mar 2025 20:39

Tgt Ion:264 Resp: 335350
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.8 17.5 26.3

