

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142248.D
 Acq On : 30 Apr 2025 17:15
 Operator : RC/JU
 Sample : PB167726BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167726BL

Quant Time: Apr 30 17:45:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	223871	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	856968	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	451518	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	800448	20.000	ng	0.00
76) Chrysene-d12	14.069	240	591104	20.000	ng	0.00
86) Perylene-d12	15.563	264	405474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1784967	127.337	ng	0.02
7) Phenol-d6	6.522	99	2160181	127.615	ng	0.00
23) Nitrobenzene-d5	7.469	82	1277605	97.944	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	641513	155.850	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2527115	78.915	ng	0.00
79) Terphenyl-d14	13.022	244	2858057	70.322	ng	0.00

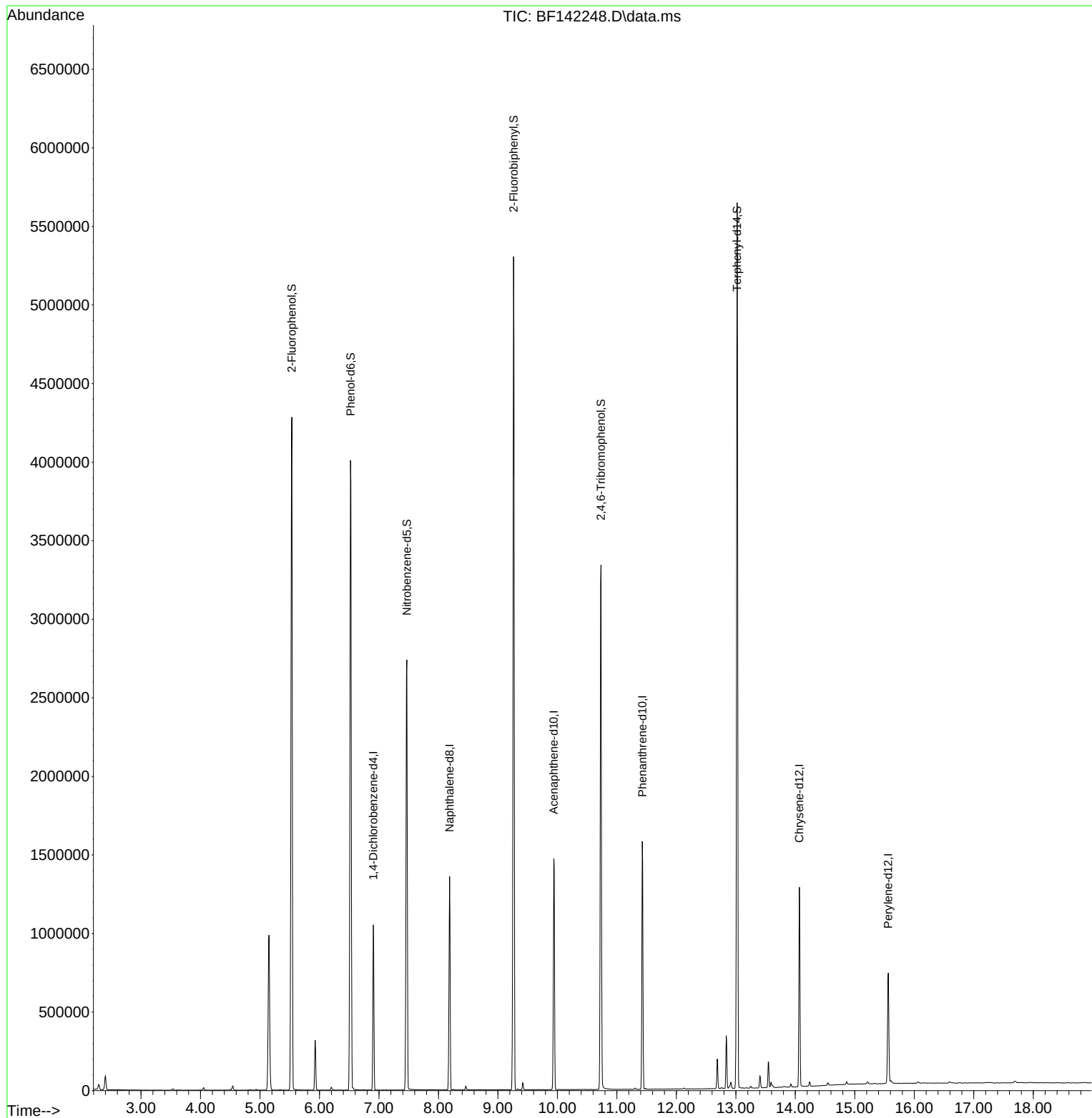
Target Compounds	Qvalue

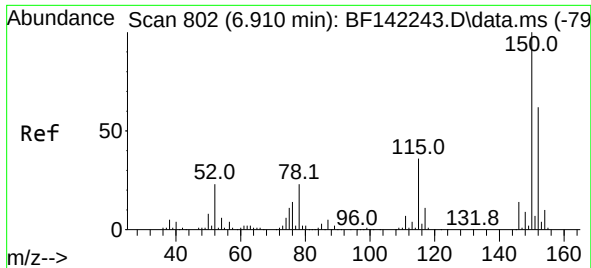
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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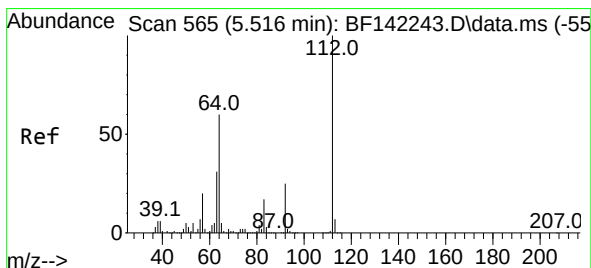
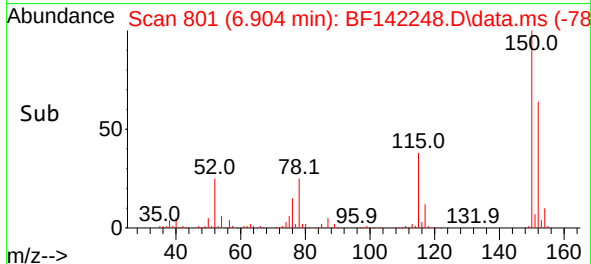
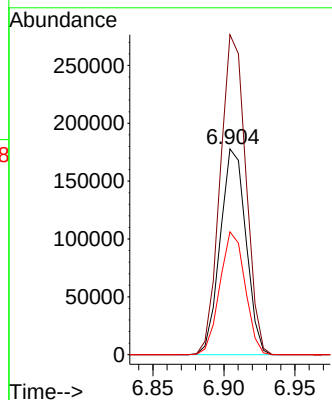
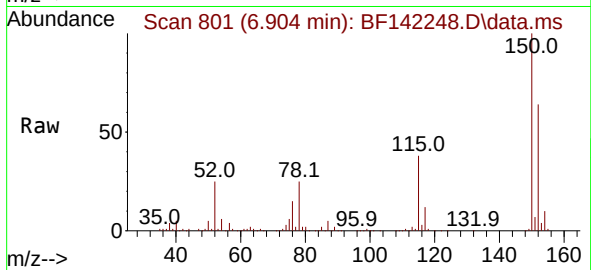




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142248.D
 Acq: 30 Apr 2025 17:15

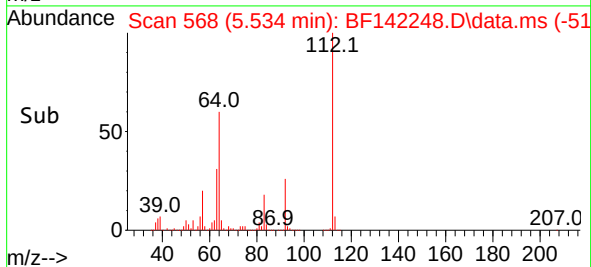
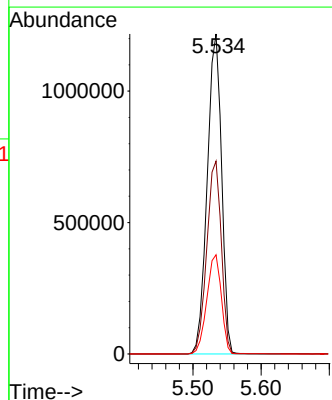
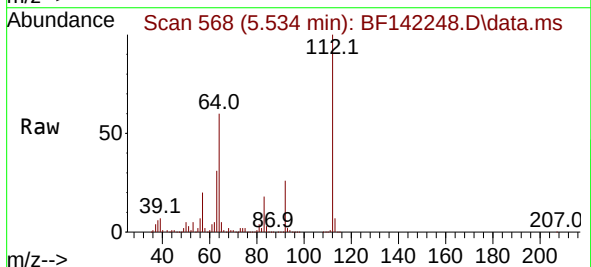
Instrument :
 BNA_F
 ClientSampleId :
 PB167726BL

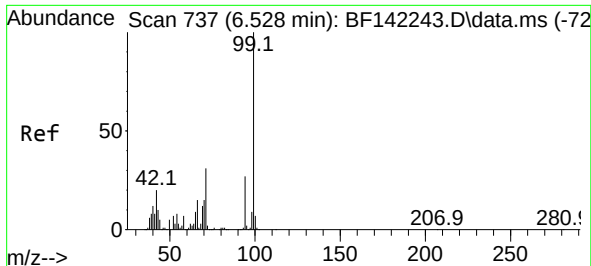
Tgt Ion:152 Resp: 223871
 Ion Ratio Lower Upper
 152 100
 150 155.5 130.2 195.2
 115 59.7 47.0 70.4



#5
 2-Fluorophenol
 Concen: 127.337 ng
 RT: 5.534 min Scan# 568
 Delta R.T. 0.018 min
 Lab File: BF142248.D
 Acq: 30 Apr 2025 17:15

Tgt Ion:112 Resp: 1784967
 Ion Ratio Lower Upper
 112 100
 64 60.2 48.4 72.6
 63 31.0 24.8 37.2

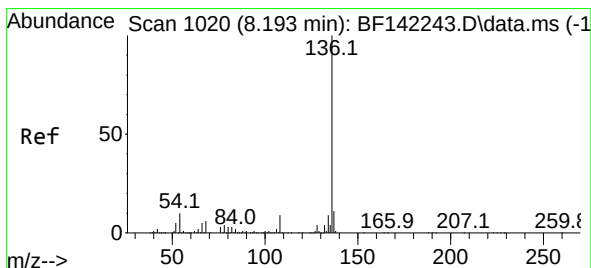
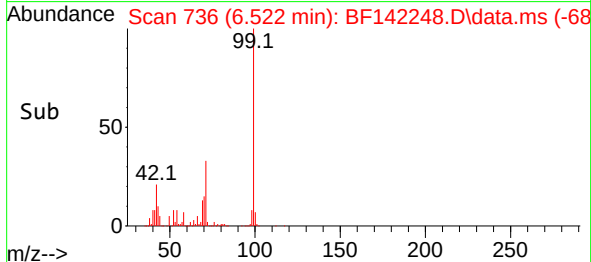
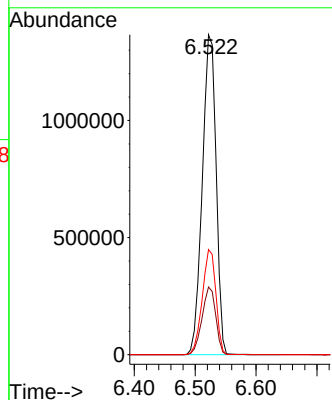
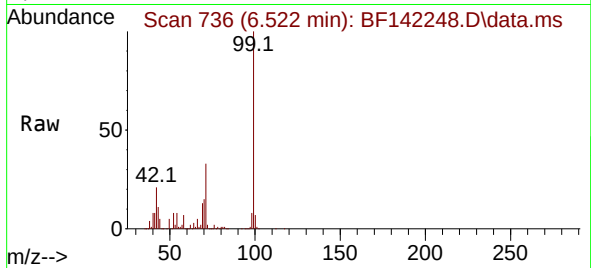




#7
Phenol-d6
Concen: 127.615 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142248.D
Acq: 30 Apr 2025 17:15

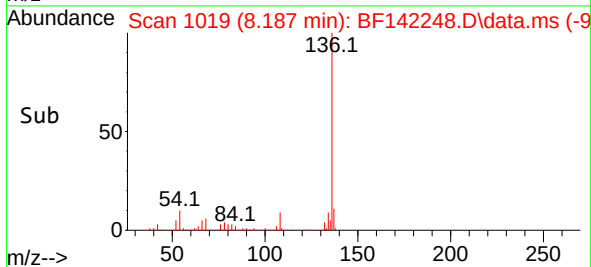
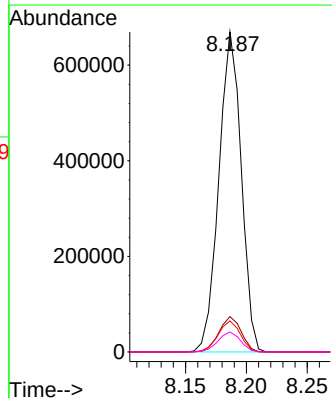
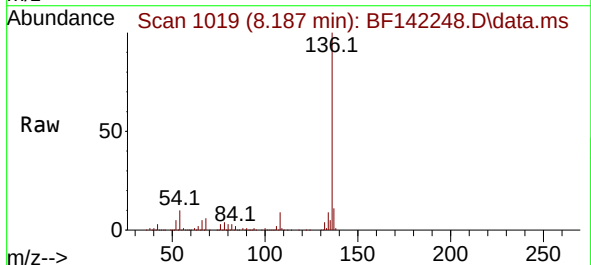
Instrument :
BNA_F
ClientSampleId :
PB167726BL

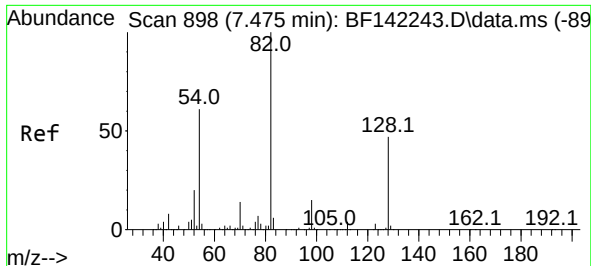
Tgt Ion: 99 Resp: 2160181
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142248.D
Acq: 30 Apr 2025 17:15

Tgt Ion: 136 Resp: 856968
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.7 7.7 11.5
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 97.944 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142248.D

Acq: 30 Apr 2025 17:15

Instrument :

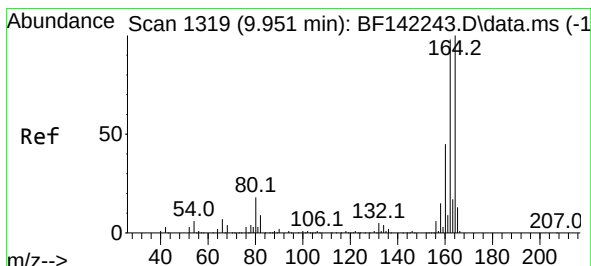
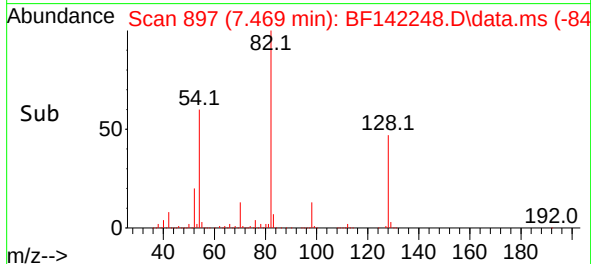
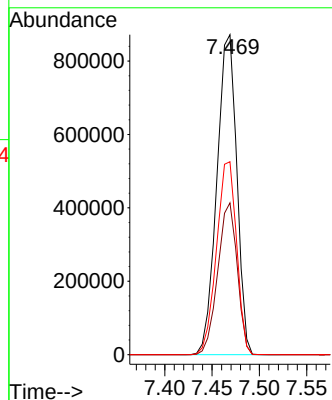
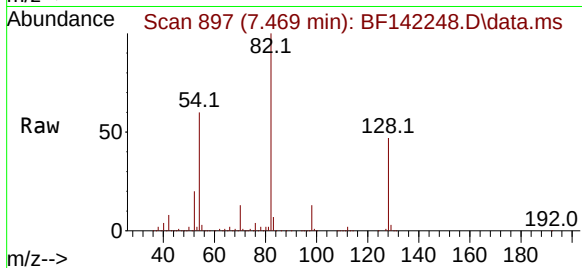
BNA_F

ClientSampleId :

PB167726BL

Tgt Ion: 82 Resp: 1277605

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.0	55.6
54	60.3	48.0	72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

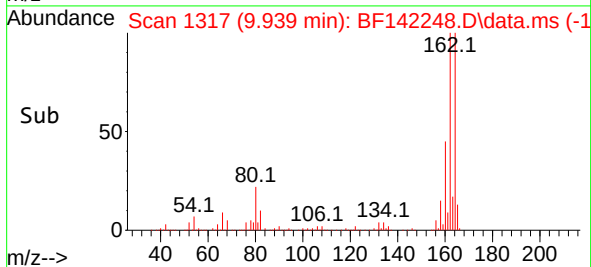
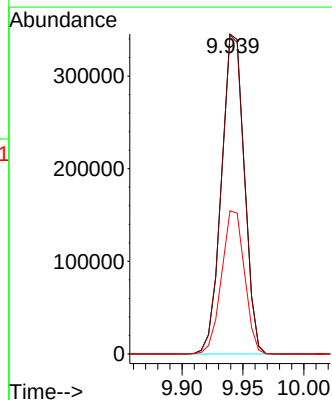
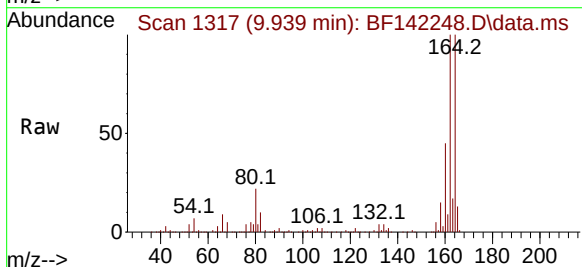
Delta R.T. -0.012 min

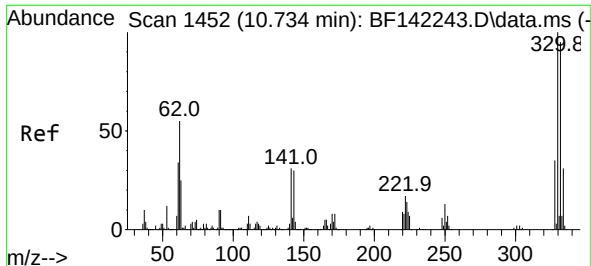
Lab File: BF142248.D

Acq: 30 Apr 2025 17:15

Tgt Ion:164 Resp: 451518

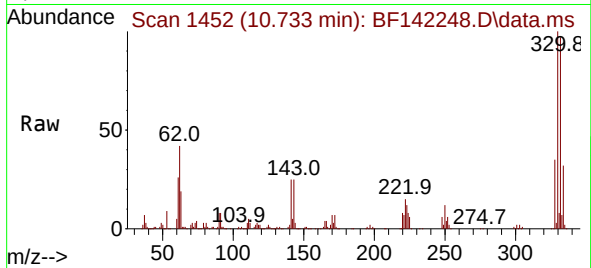
Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.6	117.8
160	44.8	35.7	53.5



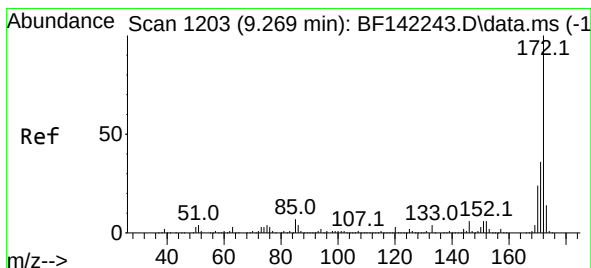
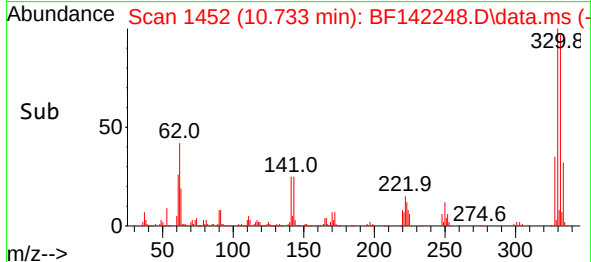
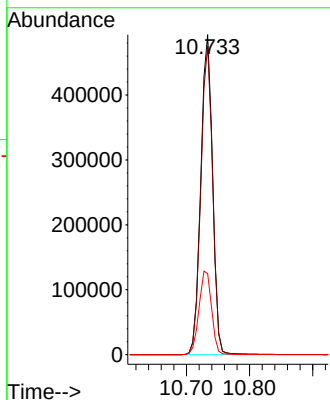


#42
2,4,6-Tribromophenol
Concen: 155.850 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142248.D
Acq: 30 Apr 2025 17:15

Instrument :
BNA_F
ClientSampleId :
PB167726BL

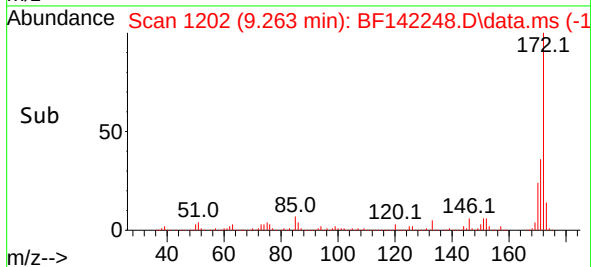
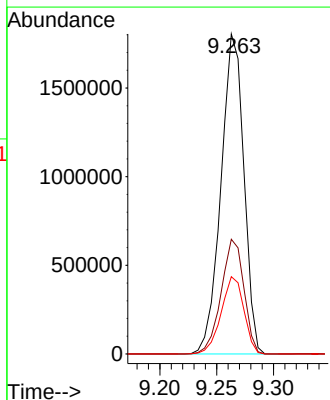
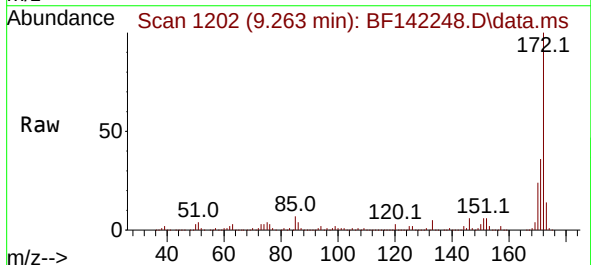


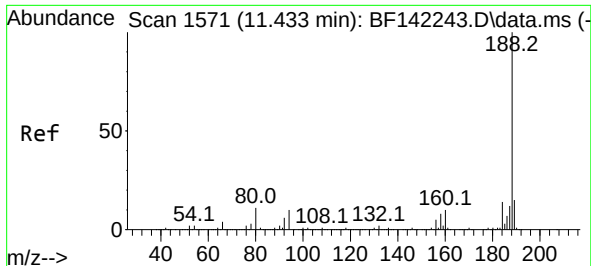
Tgt Ion:330 Resp: 641513
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 27.9 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 78.915 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142248.D
Acq: 30 Apr 2025 17:15

Tgt Ion:172 Resp: 2527115
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 24.1 19.4 29.0

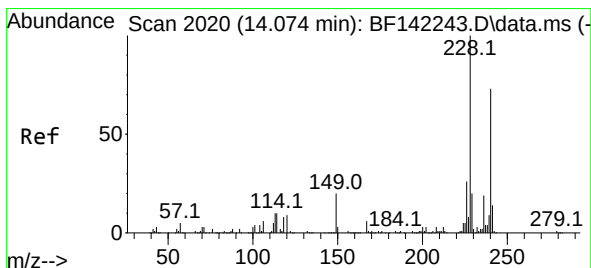
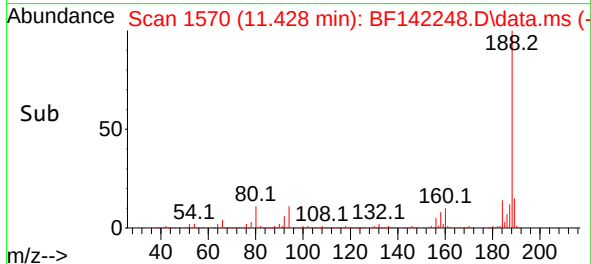
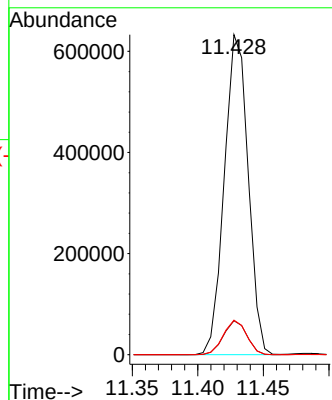
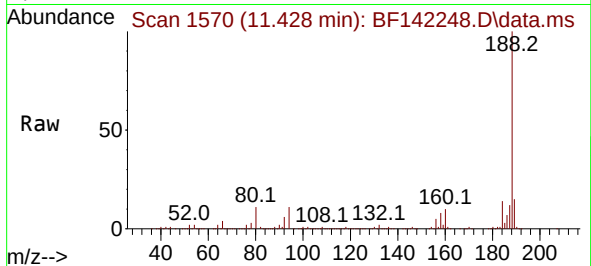




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142248.D
Acq: 30 Apr 2025 17:15

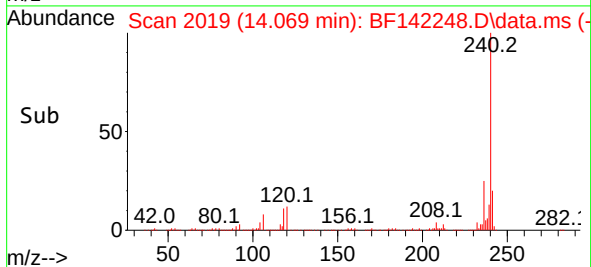
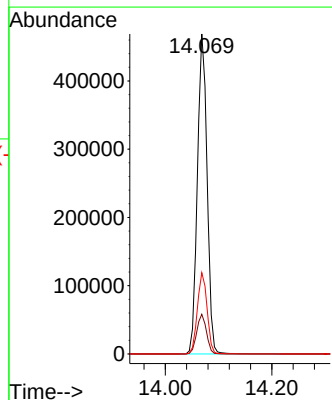
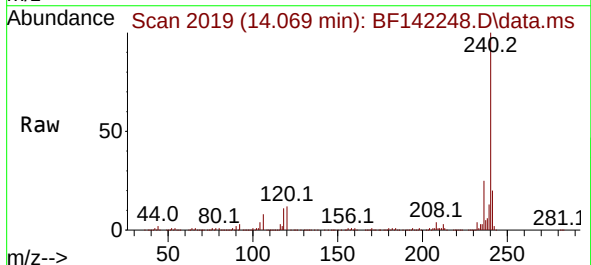
Instrument :
BNA_F
ClientSampleId :
PB167726BL

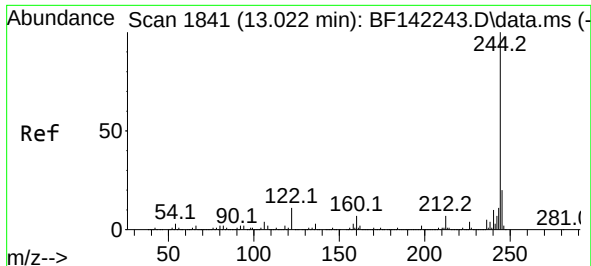
Tgt Ion:188 Resp: 800448
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.2
80 10.8 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142248.D
Acq: 30 Apr 2025 17:15

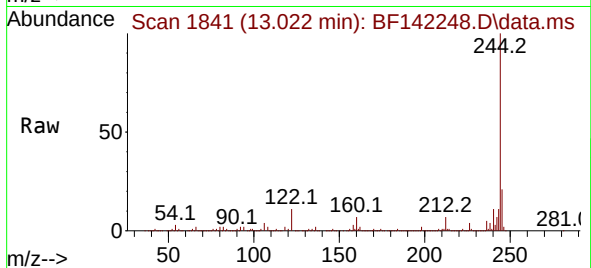
Tgt Ion:240 Resp: 591104
Ion Ratio Lower Upper
240 100
120 12.4 10.1 15.1
236 25.4 20.5 30.7



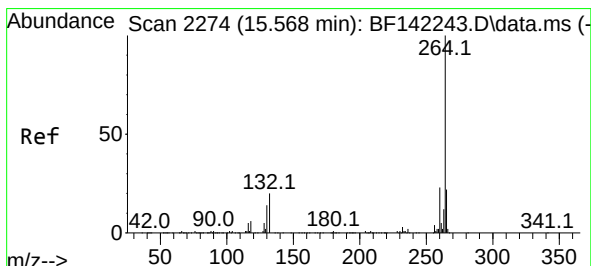
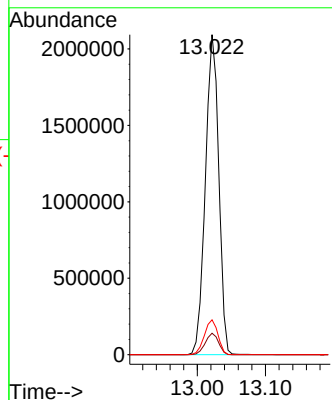
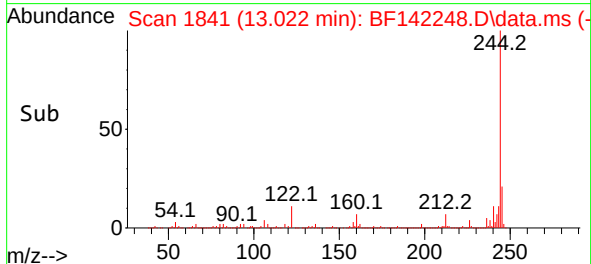


#79
 Terphenyl-d14
 Concen: 70.322 ng
 RT: 13.022 min Scan# 1841
 Delta R.T. -0.000 min
 Lab File: BF142248.D
 Acq: 30 Apr 2025 17:15

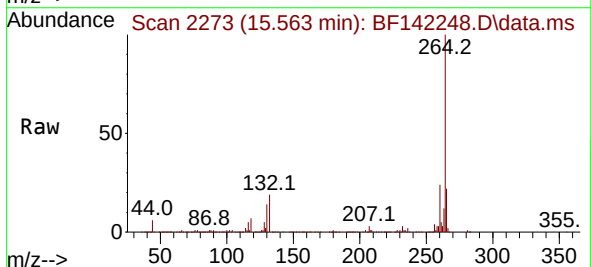
Instrument :
 BNA_F
 ClientSampleId :
 PB167726BL



Tgt Ion:244 Resp: 2858057
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 10.9 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142248.D
 Acq: 30 Apr 2025 17:15



Tgt Ion:264 Resp: 405474
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 22.1 17.3 25.9

