

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
 Data File : BF141267.D
 Acq On : 27 Jan 2025 12:47
 Operator : RC/JU
 Sample : PB166258BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166258BL

Quant Time: Jan 27 13:13:58 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	176935	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	709013	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	387451	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	669950	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	494546	20.000	ng	-0.01
86) Perylene-d12	15.451	264	422277	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1328772	116.014	ng	0.00
7) Phenol-d6	6.434	99	1643282	113.265	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1062705	79.452	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	574699	130.177	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2083364	82.111	ng	-0.02
79) Terphenyl-d14	12.927	244	2502801	75.219	ng	0.00

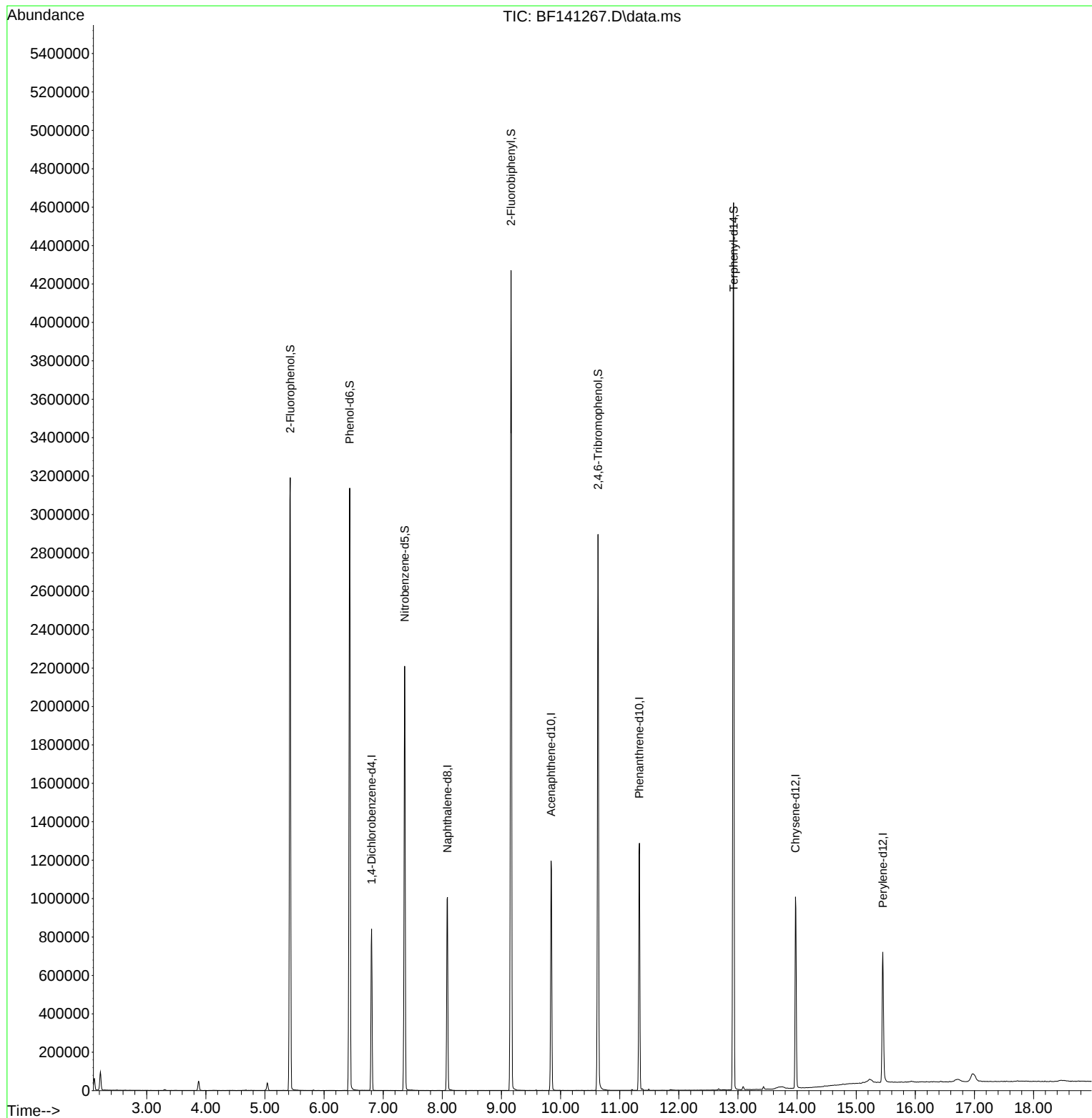
Target Compounds	Qvalue

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

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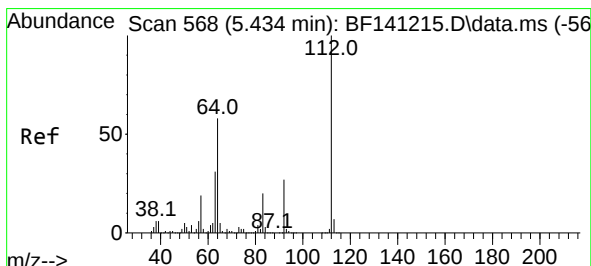
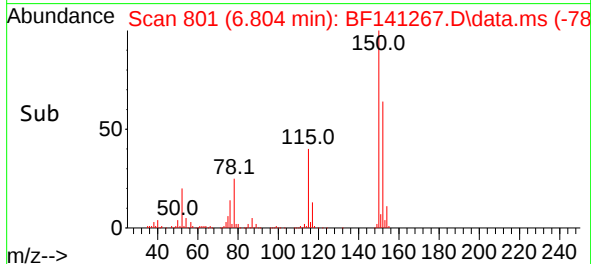
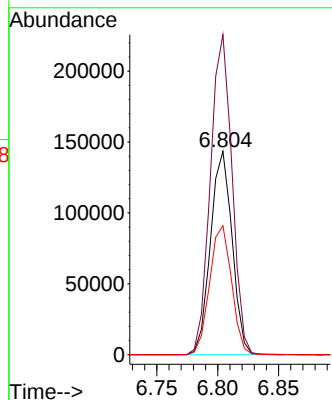
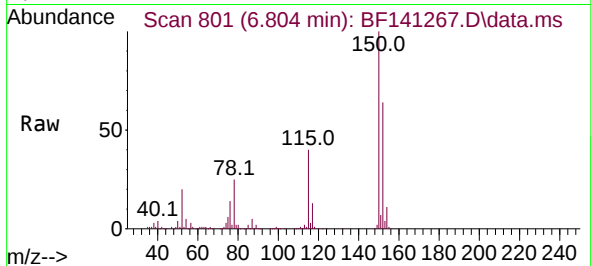




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 801
 Delta R.T. -0.018 min
 Lab File: BF141267.D
 Acq: 27 Jan 2025 12:47

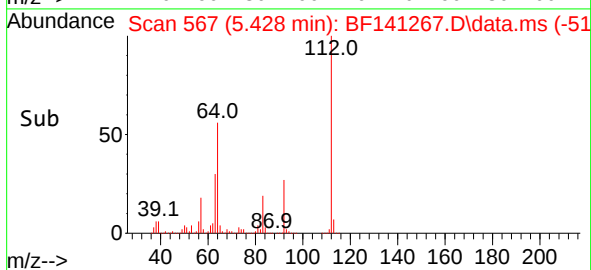
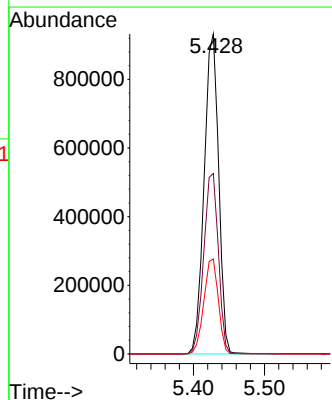
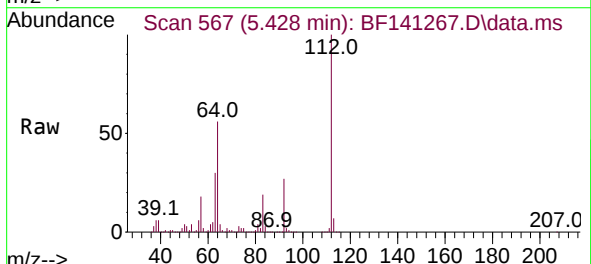
Instrument :
 BNA_F
 ClientSampleId :
 PB166258BL

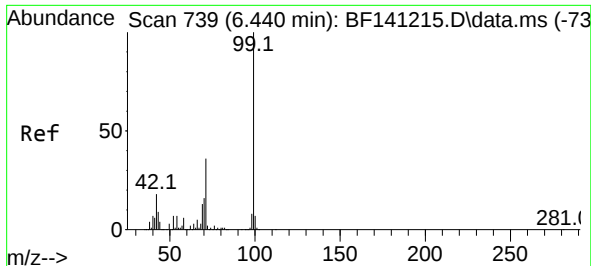
Tgt Ion:152 Resp: 176935
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.8 188.8
 115 63.5 51.4 77.2



#5
 2-Fluorophenol
 Concen: 116.014 ng
 RT: 5.428 min Scan# 567
 Delta R.T. -0.000 min
 Lab File: BF141267.D
 Acq: 27 Jan 2025 12:47

Tgt Ion:112 Resp: 1328772
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.3 70.9
 63 29.7 24.2 36.2



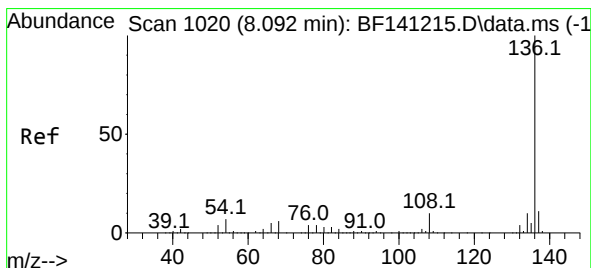
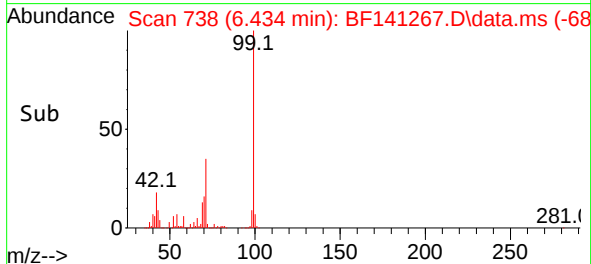
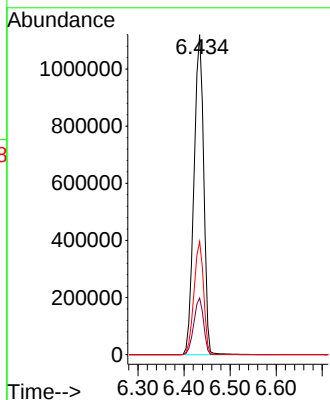
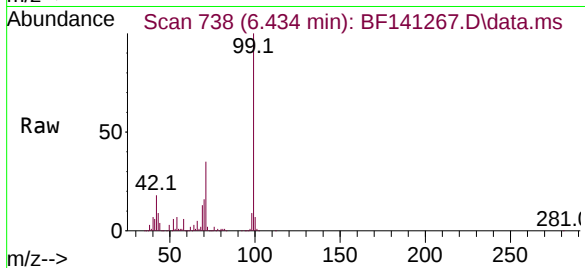


#7
Phenol-d6
Concen: 113.265 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

Instrument :
BNA_F
ClientSampleId :
PB166258BL

Tgt Ion: 99 Resp: 1643282

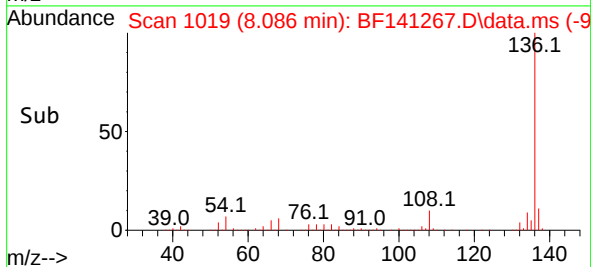
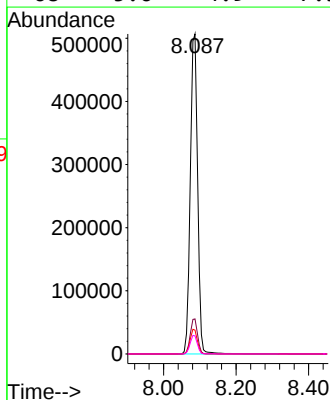
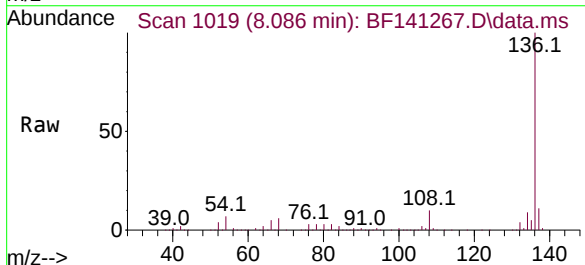
Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	35.3	27.6	41.4

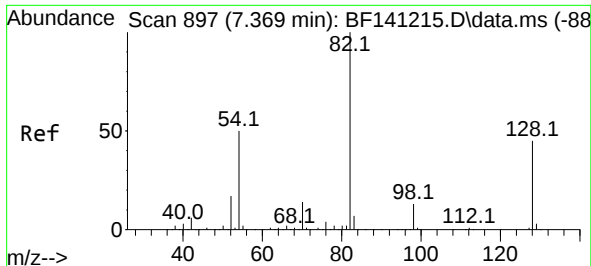


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

Tgt Ion: 136 Resp: 709013

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	6.3	9.5
68	5.6	4.9	7.3





#23

Nitrobenzene-d5

Concen: 79.452 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.024 min

Lab File: BF141267.D

Acq: 27 Jan 2025 12:47

Instrument :

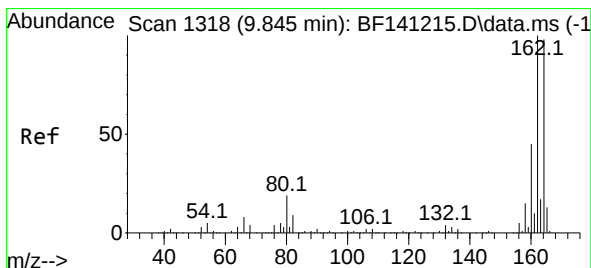
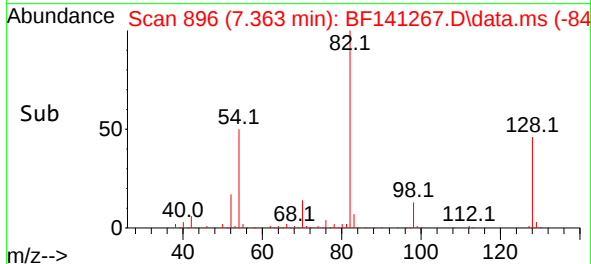
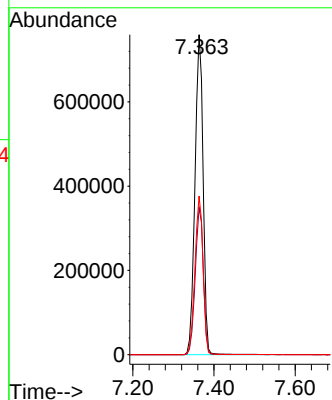
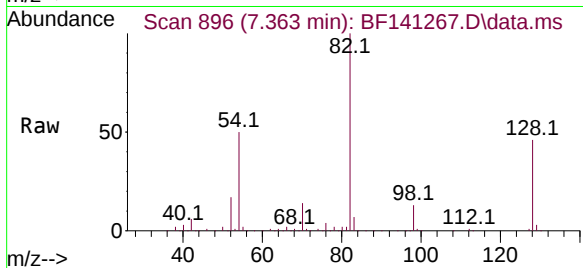
BNA_F

ClientSampleId :

PB166258BL

Tgt Ion: 82 Resp: 1062705

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	49.5	41.0	61.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1317

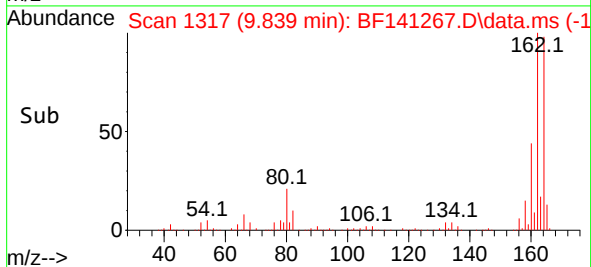
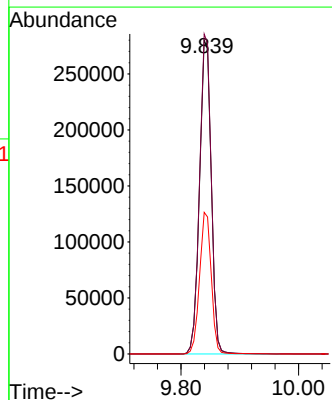
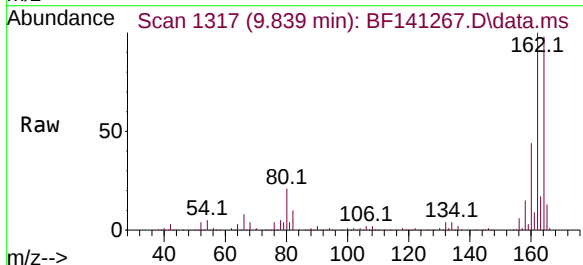
Delta R.T. -0.024 min

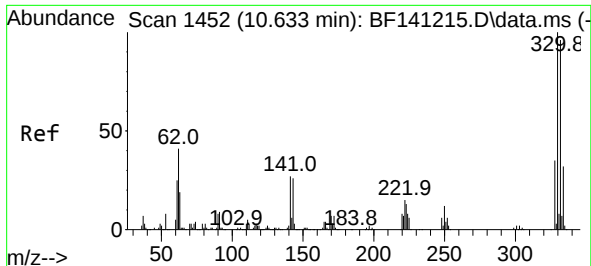
Lab File: BF141267.D

Acq: 27 Jan 2025 12:47

Tgt Ion:164 Resp: 387451

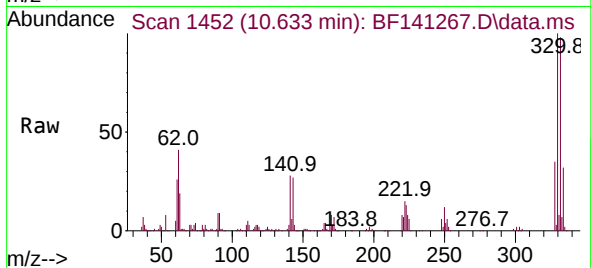
Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.0	121.4
160	45.1	36.1	54.1



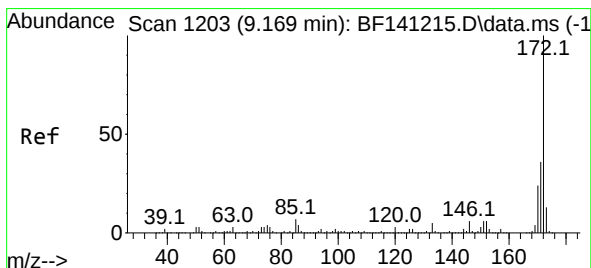
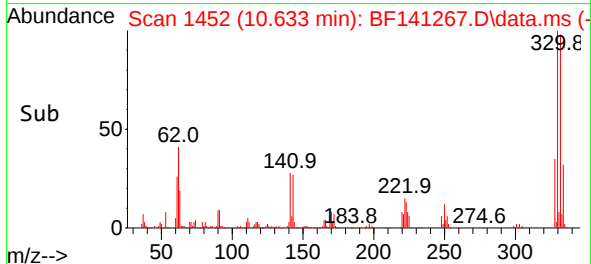
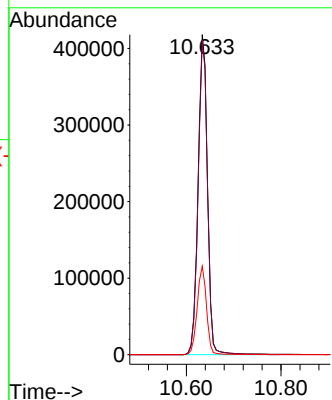


#42
2,4,6-Tribromophenol
Concen: 130.177 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

Instrument :
BNA_F
ClientSampleId :
PB166258BL

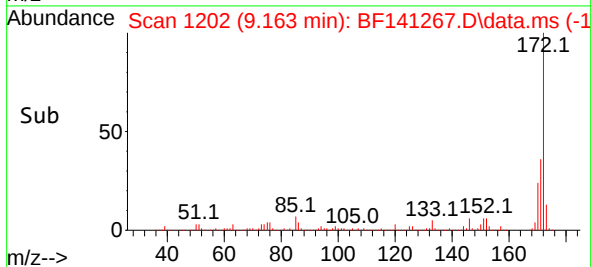
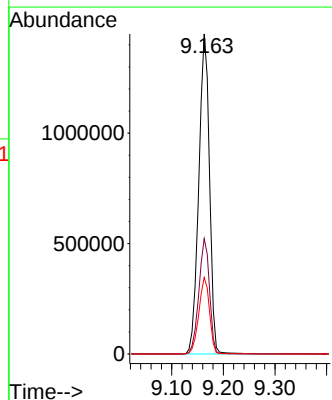
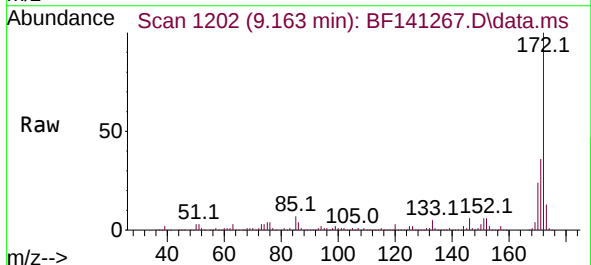


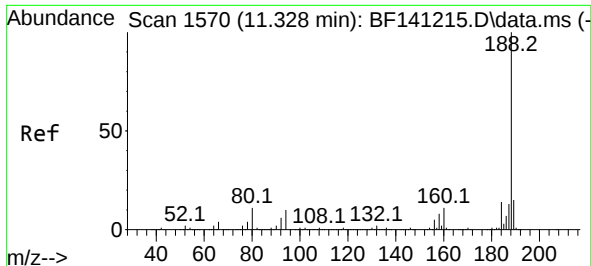
Tgt Ion:330 Resp: 574699
Ion Ratio Lower Upper
330 100
332 98.1 76.9 115.3
141 27.7 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 82.111 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

Tgt Ion:172 Resp: 2083364
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.9 19.0 28.6

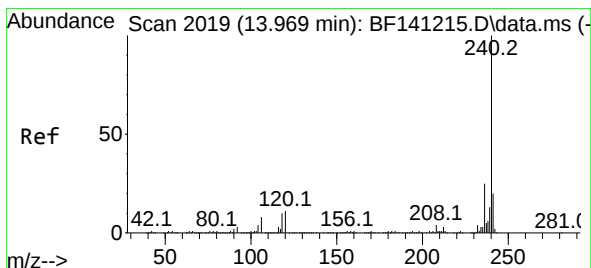
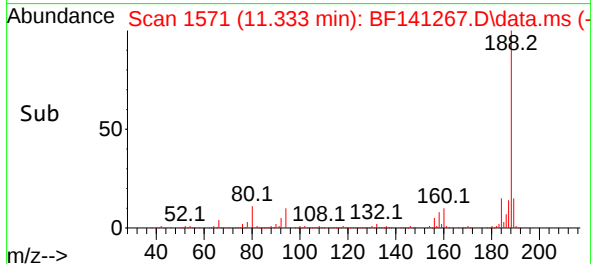
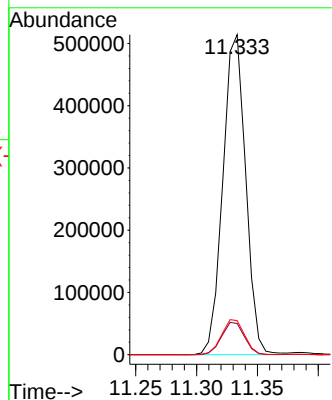
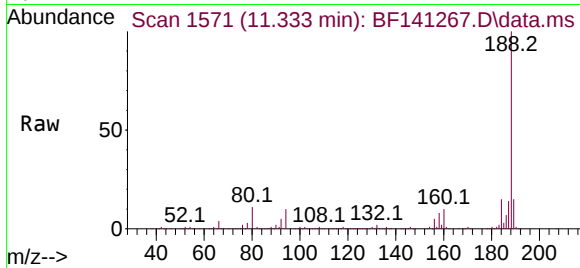




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

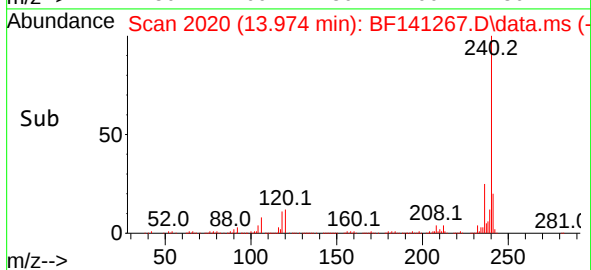
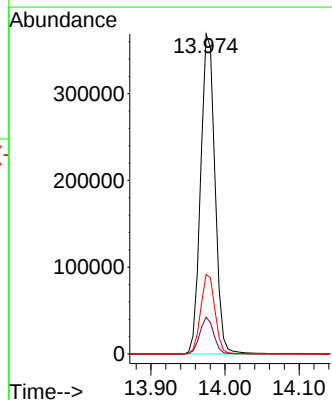
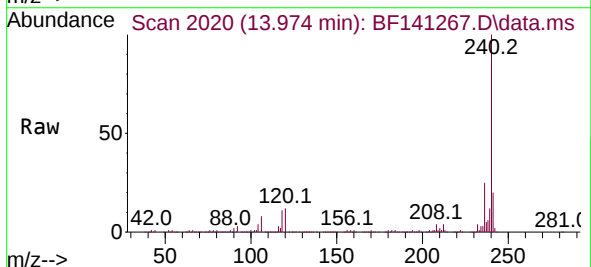
Instrument :
BNA_F
ClientSampleId :
PB166258BL

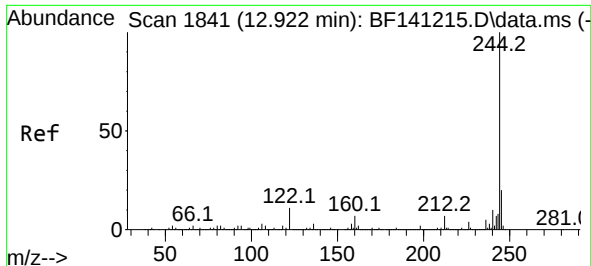
Tgt Ion:188 Resp: 669950
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.6 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141267.D
Acq: 27 Jan 2025 12:47

Tgt Ion:240 Resp: 494546
Ion Ratio Lower Upper
240 100
120 11.5 9.1 13.7
236 24.9 19.8 29.6

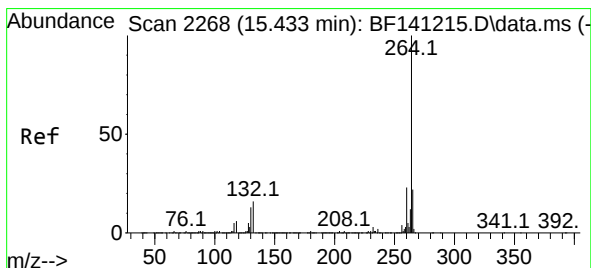
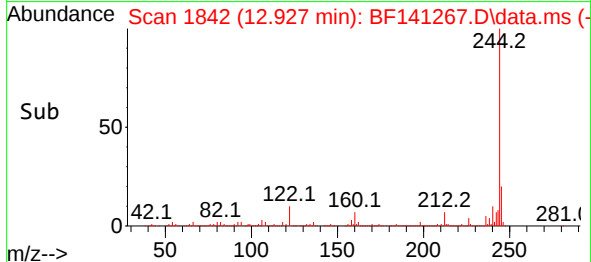
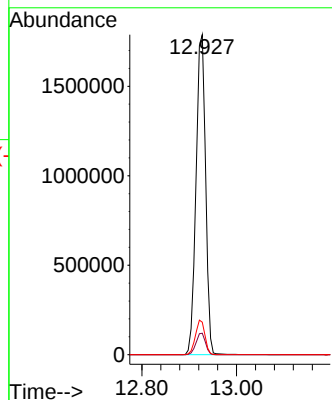
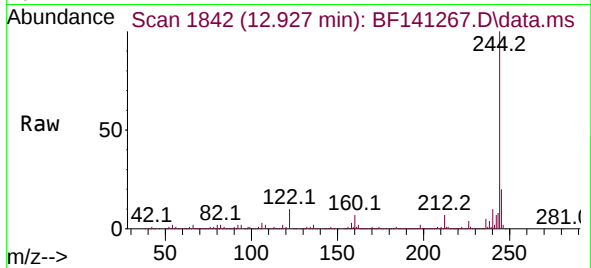




#79
 Terphenyl-d14
 Concen: 75.219 ng
 RT: 12.927 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF141267.D
 Acq: 27 Jan 2025 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB166258BL

Tgt Ion:244 Resp: 2502801
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2271
 Delta R.T. 0.012 min
 Lab File: BF141267.D
 Acq: 27 Jan 2025 12:47

Tgt Ion:264 Resp: 422277
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.7 17.4 26.0

