

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
 Data File : BF131462.D
 Acq On : 29 Nov 2022 18:09
 Operator : CG\JU
 Sample : N5795-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Nov 30 01:07:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

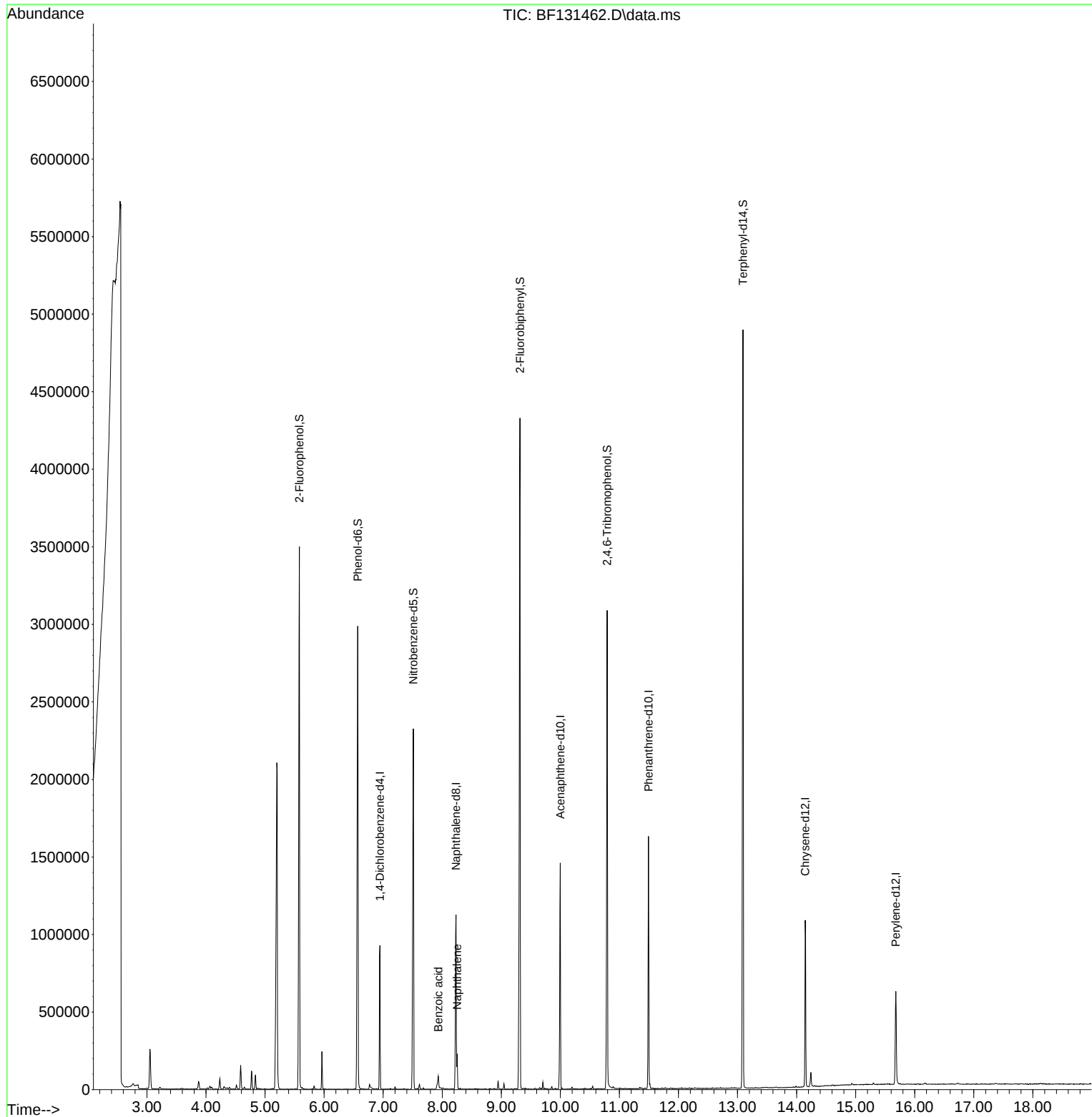
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	139123	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	539461	20.000	ng	#-0.01
39) Acenaphthene-d10	9.998	164	307001	20.000	ng	-0.01
64) Phenanthrene-d10	11.492	188	563292	20.000	ng	#-0.01
76) Chrysene-d12	14.145	240	388205	20.000	ng	#-0.02
86) Perylene-d12	15.680	264	290693	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	983987	134.610	ng	0.02
7) Phenol-d6	6.569	99	1180501	126.574	ng	0.00
23) Nitrobenzene-d5	7.510	82	864287	80.761	ng	-0.02
42) 2,4,6-Tribromophenol	10.792	330	413687	160.169	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	1595751	75.620	ng	-0.01
79) Terphenyl-d14	13.092	244	1874530	78.962	ng	-0.01
Target Compounds						
31) Naphthalene	8.251	128	92056	3.202	ng	98
32) Benzoic acid	7.934	122	27663	11.882	ng	93

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

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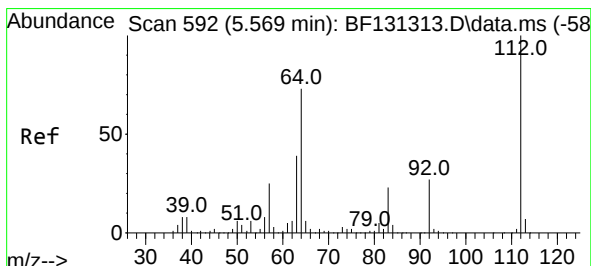
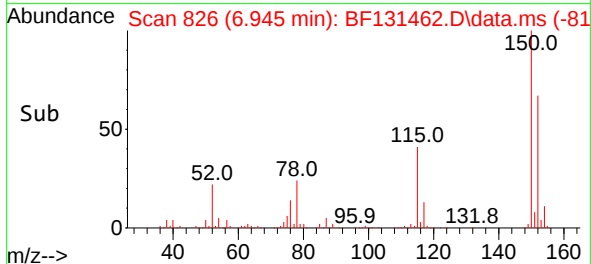
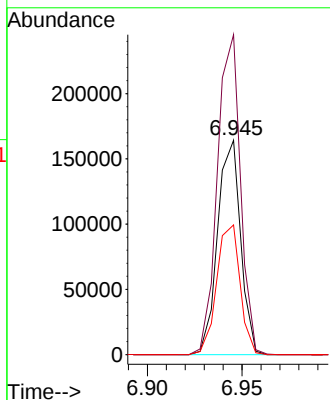
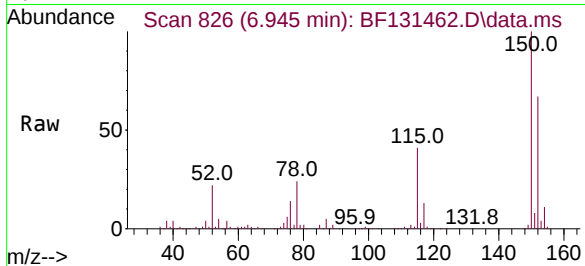




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

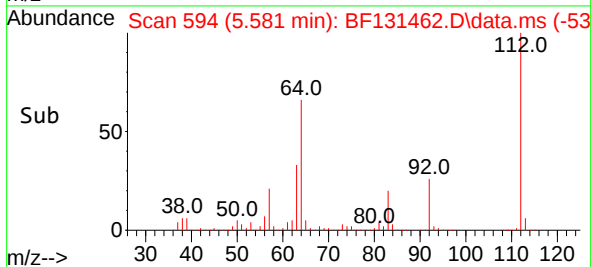
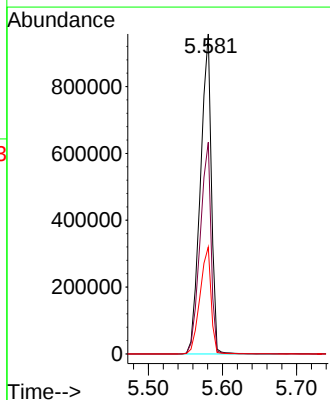
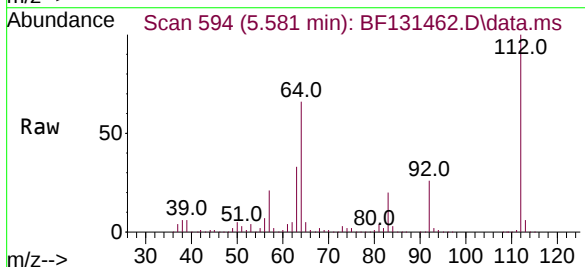
Instrument :
BNA_F
ClientSampleId :
TP-10

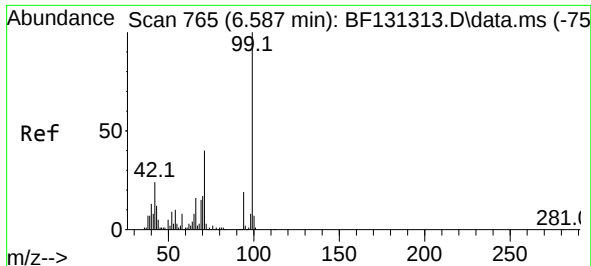
Tgt Ion:152 Resp: 139123
Ion Ratio Lower Upper
152 100
150 149.3 117.8 176.8
115 60.5 47.1 70.7



#5
2-Fluorophenol
Concen: 134.610 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.024 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Tgt Ion:112 Resp: 983987
Ion Ratio Lower Upper
112 100
64 66.1 58.6 88.0
63 33.4 31.4 47.0



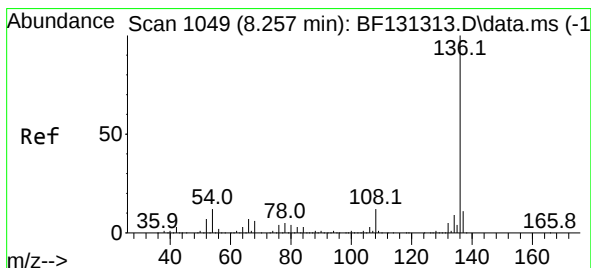
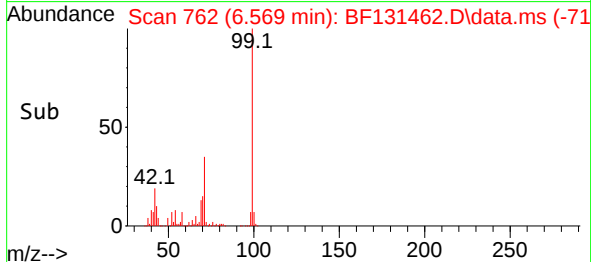
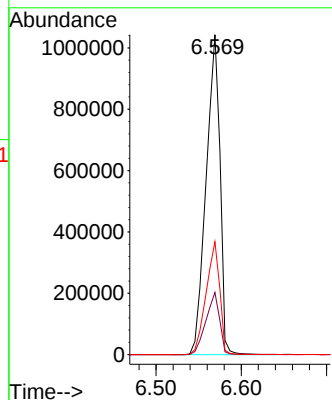
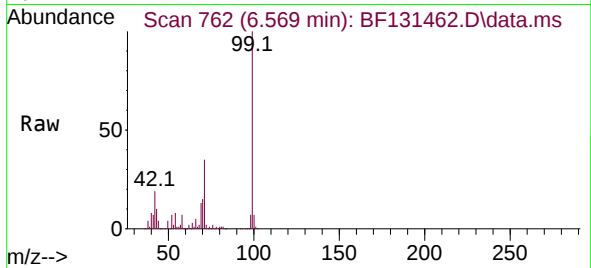


#7
Phenol-d6
Concen: 126.574 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion: 99 Resp: 1180501

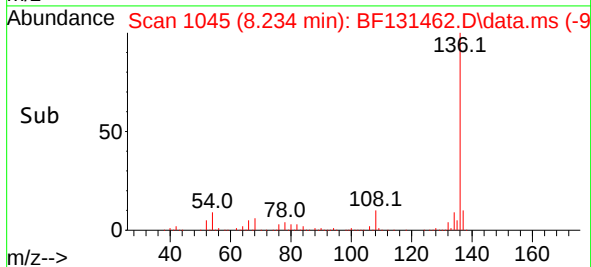
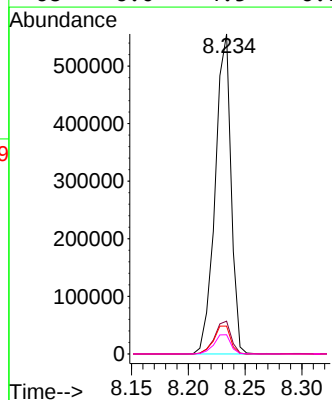
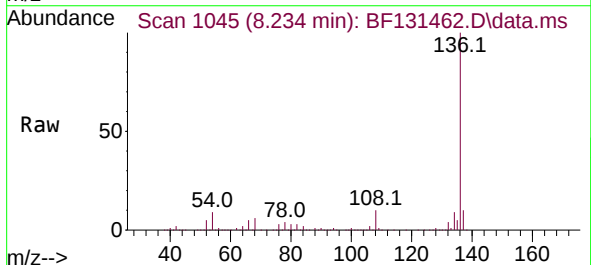
Ion	Ratio	Lower	Upper
99	100		
42	19.4	19.4	29.2#
71	35.3	32.3	48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Tgt Ion: 136 Resp: 539461

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.6
54	8.7	9.4	14.0#
68	6.0	4.5	6.7

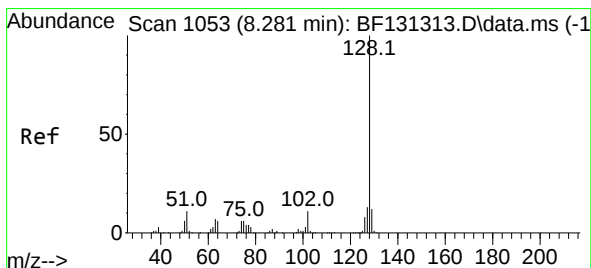
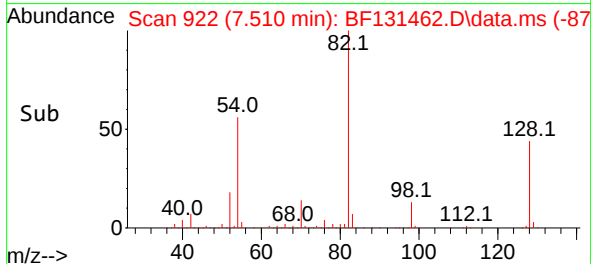
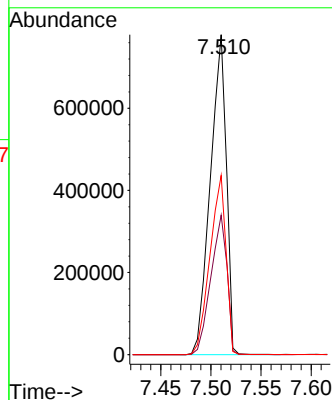
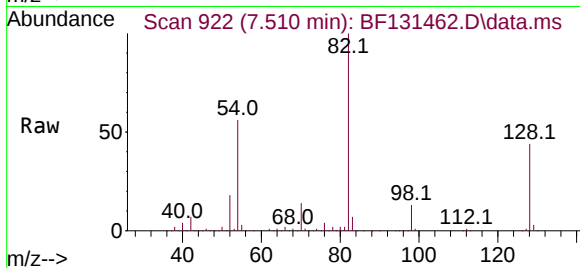




#23
Nitrobenzene-d5
Concen: 80.761 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

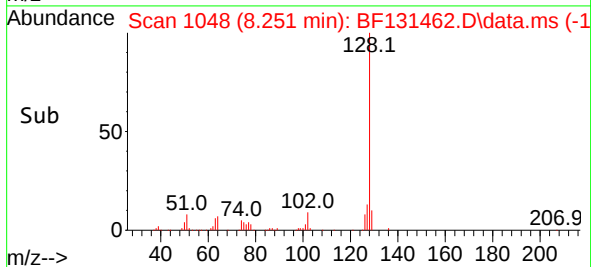
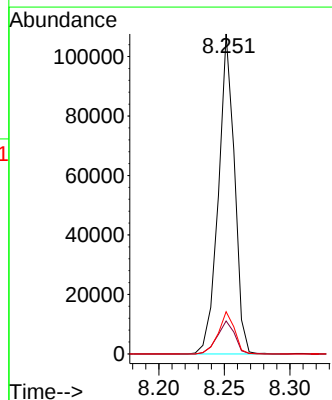
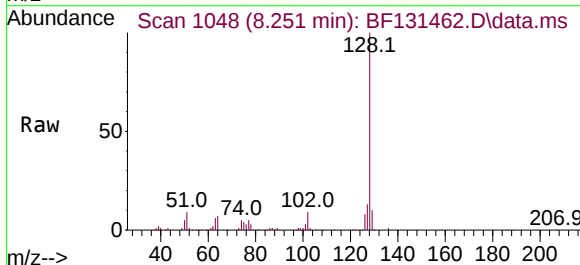
Instrument :
BNA_F
ClientSampleId :
TP-10

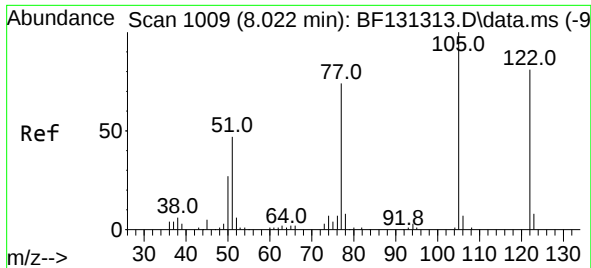
Tgt Ion: 82 Resp: 864287
Ion Ratio Lower Upper
82 100
128 43.6 31.4 47.0
54 56.0 49.8 74.6



#31
Naphthalene
Concen: 3.202 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.018 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Tgt Ion: 128 Resp: 92056
Ion Ratio Lower Upper
128 100
129 10.3 9.2 13.8
127 13.2 10.6 16.0

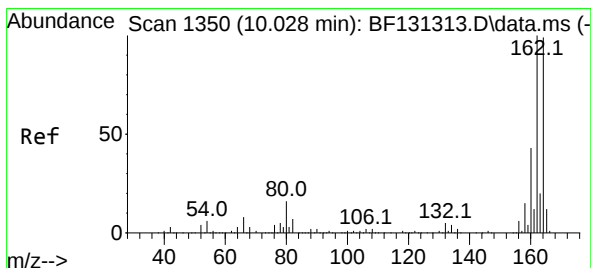
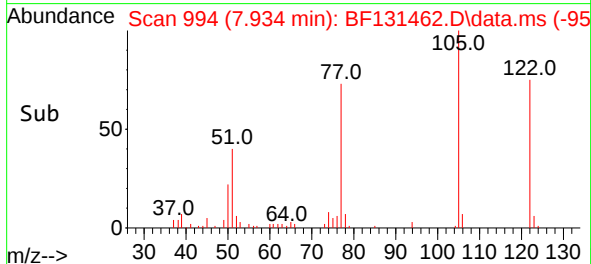
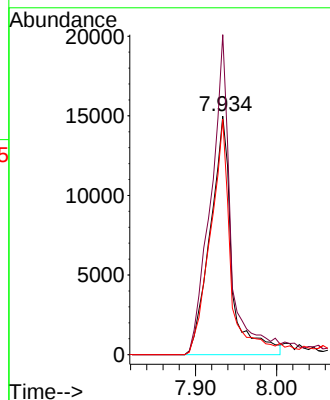
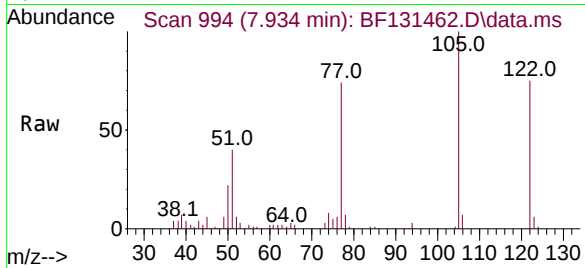




#32
Benzoic acid
Concen: 11.882 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.071 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

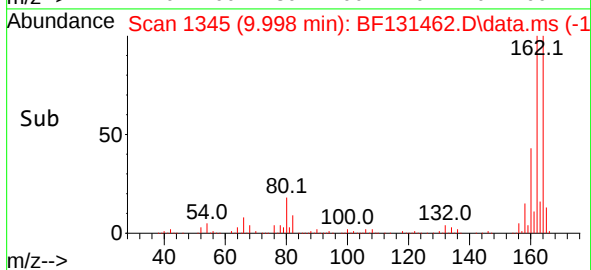
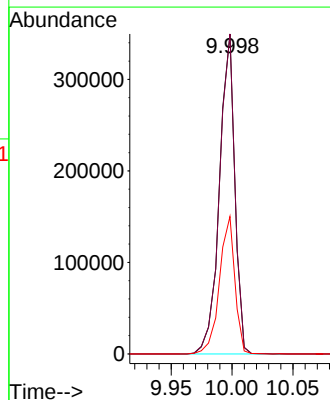
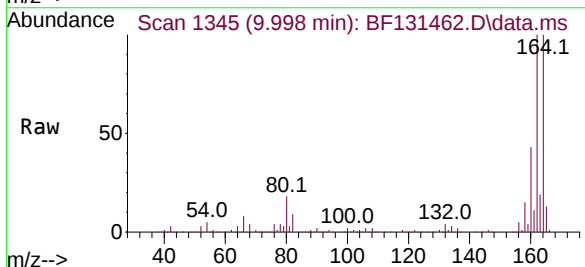
Instrument :
BNA_F
ClientSampleId :
TP-10

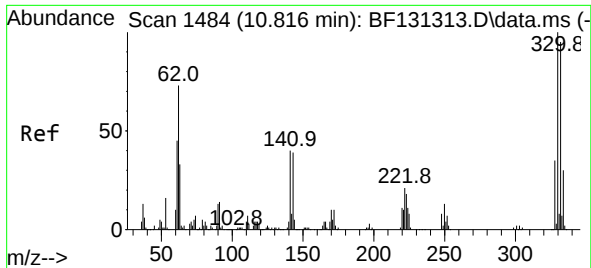
Tgt Ion:	122	Resp:	27663
Ion	Ratio	Lower	Upper
122	100		
105	134.2	103.8	143.8
77	98.7	74.3	114.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Tgt Ion:	164	Resp:	307001
Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	120.8
160	43.0	34.4	51.6

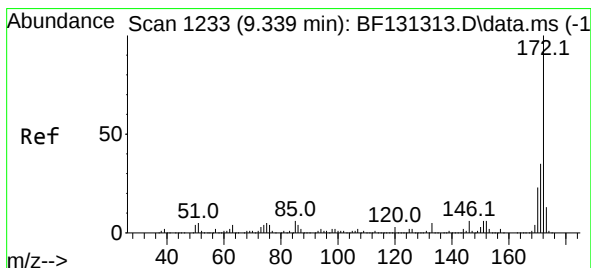
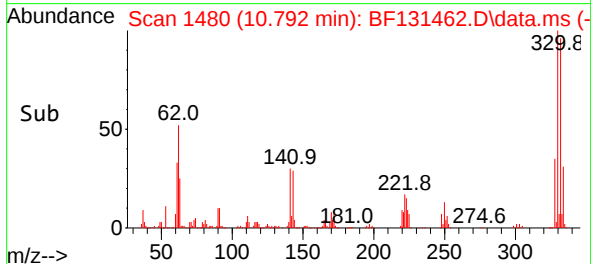
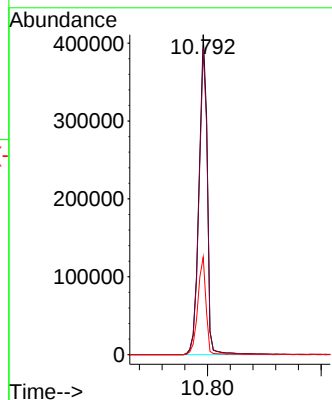
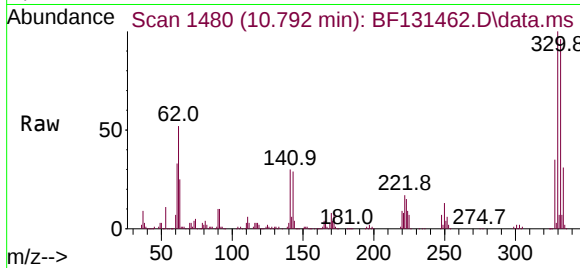




#42
2,4,6-Tribromophenol
Concen: 160.169 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

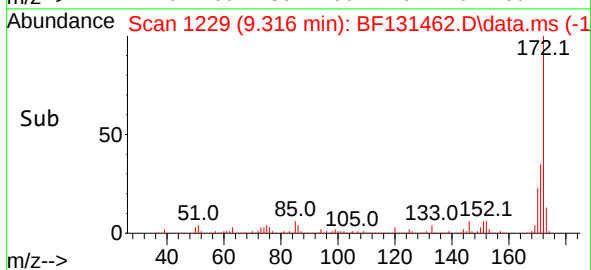
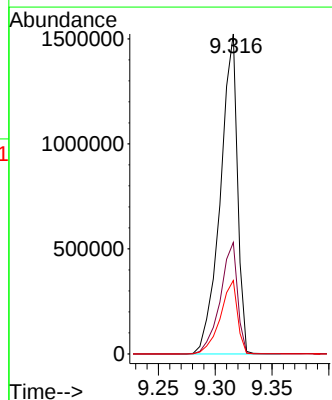
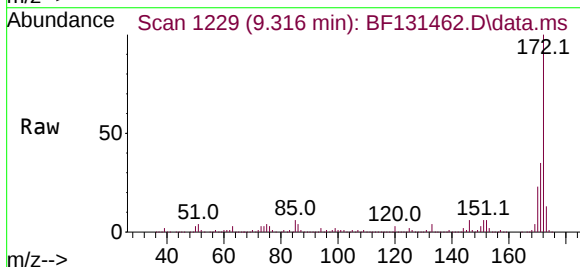
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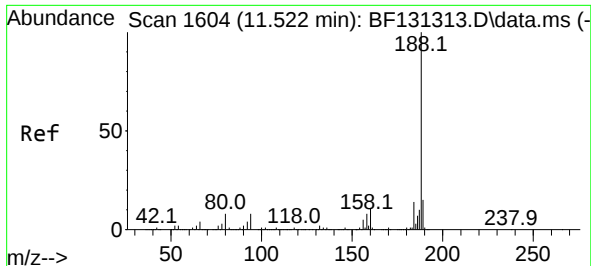
Tgt Ion:330 Resp: 413687
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 30.2 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 75.620 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Tgt Ion:172 Resp: 1595751
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 22.9 18.7 28.1

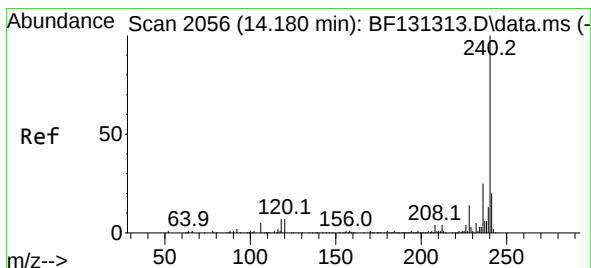
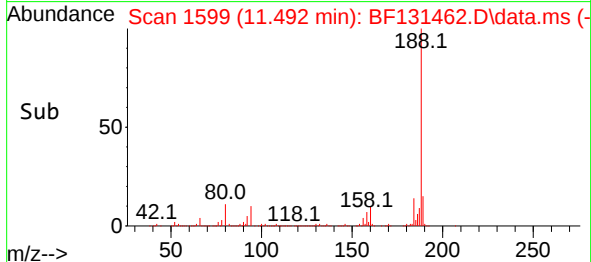
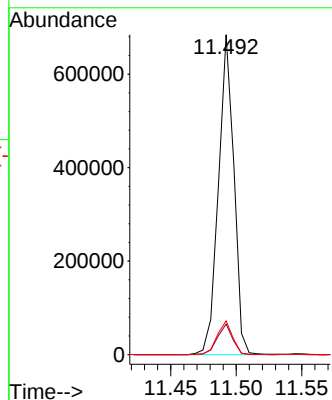
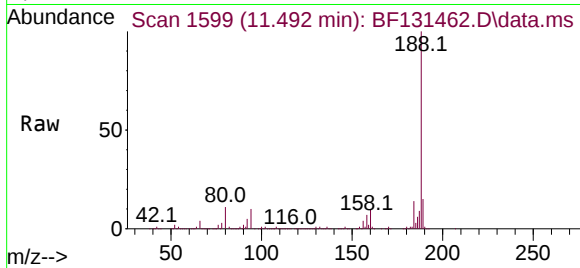




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

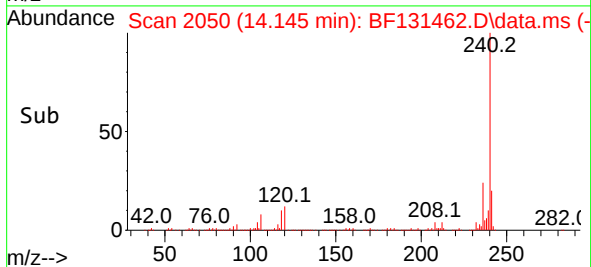
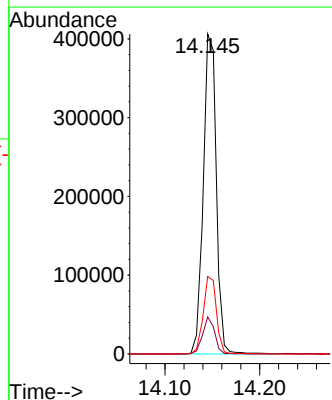
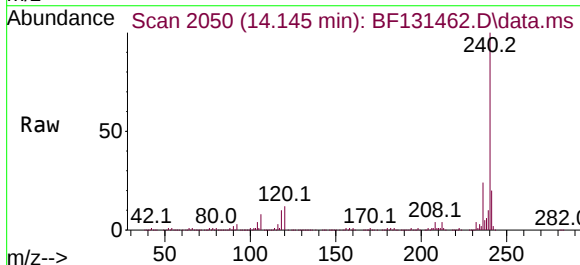
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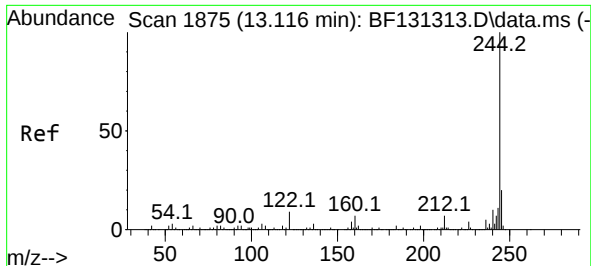
Tgt Ion:188 Resp: 563292
Ion Ratio Lower Upper
188 100
94 9.5 6.3 9.5#
80 10.5 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.024 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Tgt Ion:240 Resp: 388205
Ion Ratio Lower Upper
240 100
120 11.5 5.8 8.8#
236 24.2 20.3 30.5

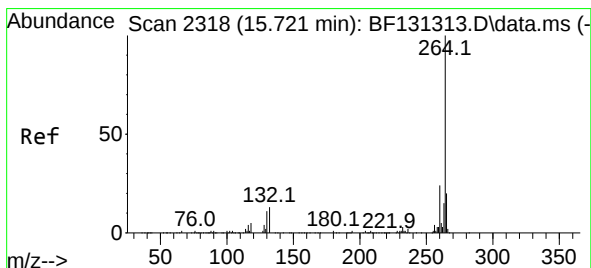
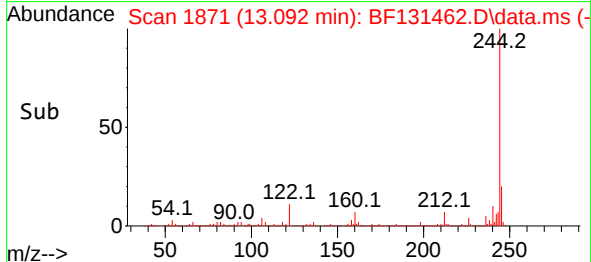
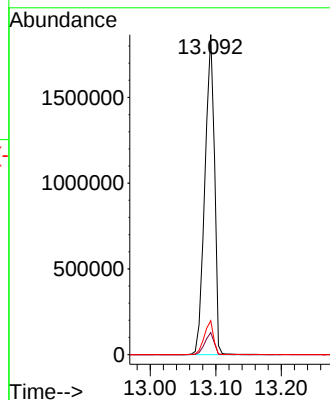
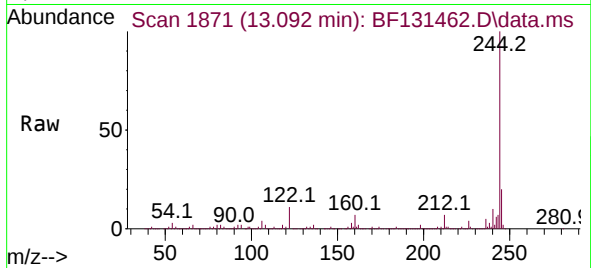




#79
 Terphenyl-d14
 Concen: 78.962 ng
 RT: 13.092 min Scan# 1875
 Delta R.T. -0.012 min
 Lab File: BF131462.D
 Acq: 29 Nov 2022 18:09

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1874530
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.6 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 2311
 Delta R.T. -0.018 min
 Lab File: BF131462.D
 Acq: 29 Nov 2022 18:09

Tgt Ion:264 Resp: 290693
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.6 16.4 24.6

