

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
 Data File : BF144288.D
 Acq On : 19 Nov 2025 20:17
 Operator : RC/JU
 Sample : Q3659-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TANK-1-COMP-2

Quant Time: Nov 20 00:03:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

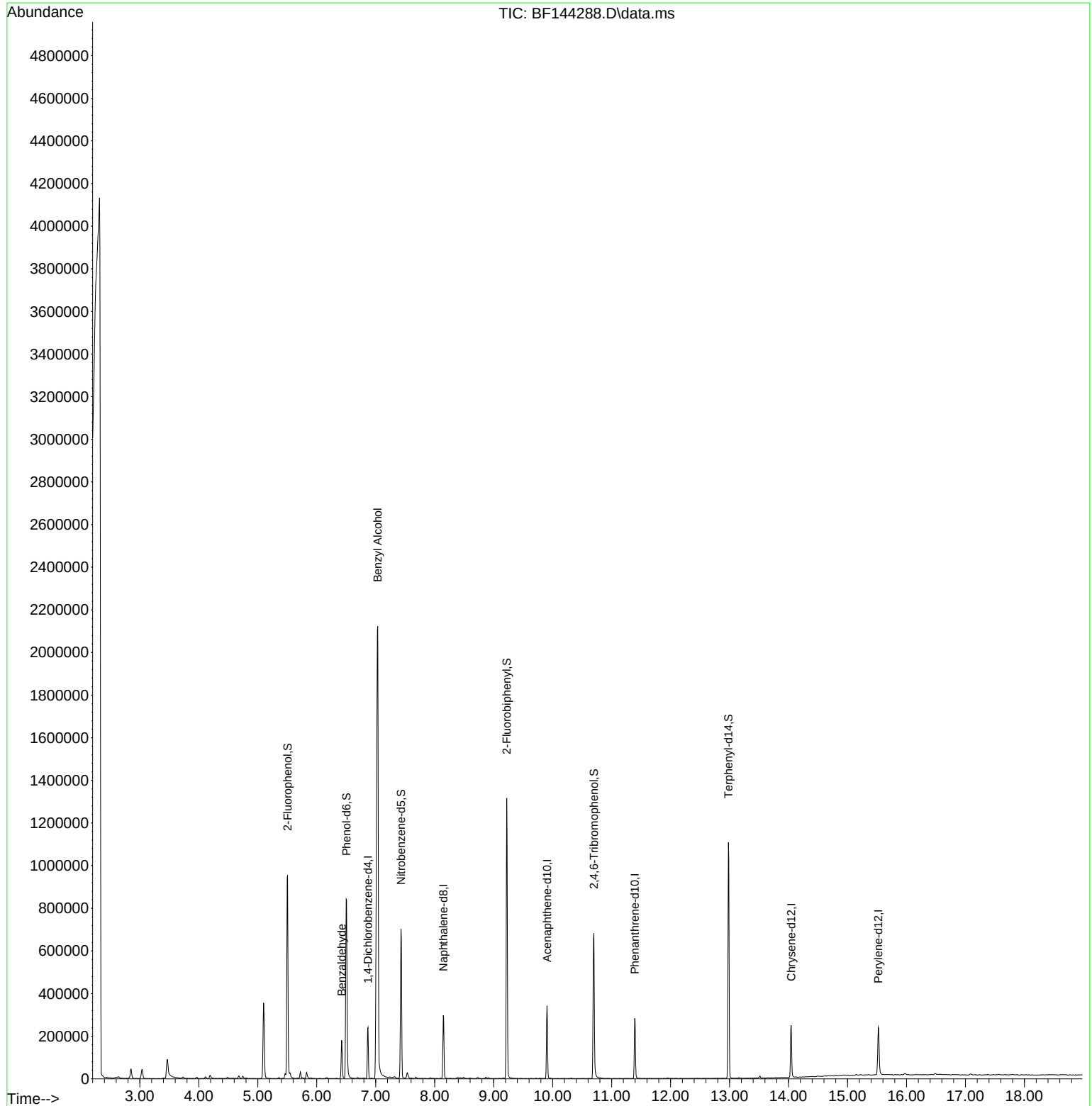
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	51464	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	196283	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	107214	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	167982	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	134530	20.000	ng	0.00
86) Perylene-d12	15.521	264	160100	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	394832	120.057	ng	0.01
7) Phenol-d6	6.504	99	423011	113.519	ng	0.00
23) Nitrobenzene-d5	7.428	82	297999	87.684	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	152768	113.547	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	623687	85.916	ng	0.00
79) Terphenyl-d14	12.980	244	609979	72.021	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.422	77	49684	23.612	ng	97
15) Benzyl Alcohol	7.034	79	944079	319.956	ng	96

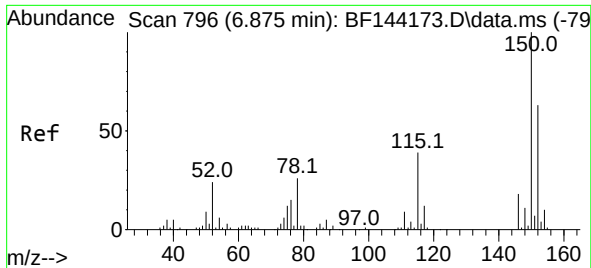
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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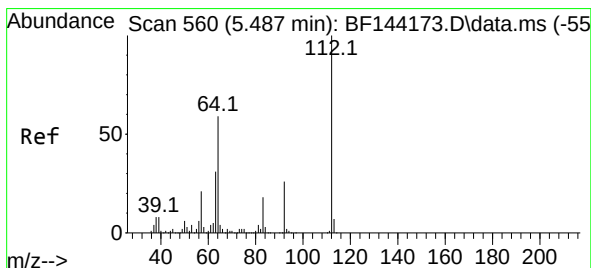
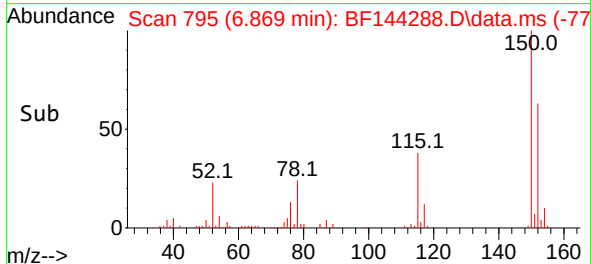
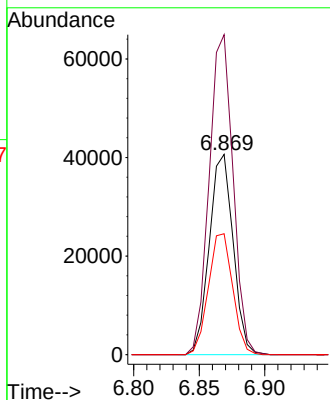
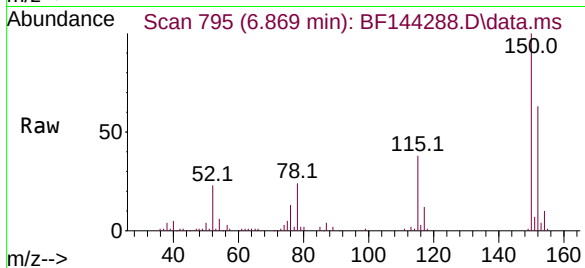




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: BF144288.D
 Acq: 19 Nov 2025 20:17

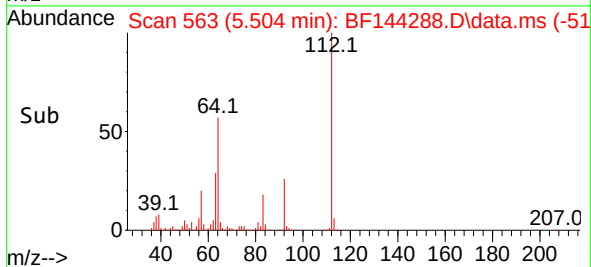
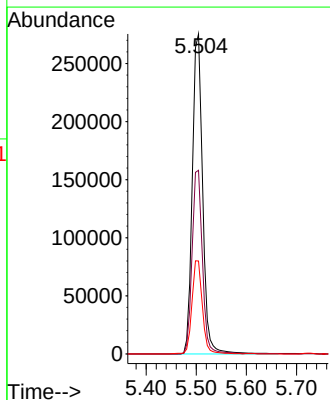
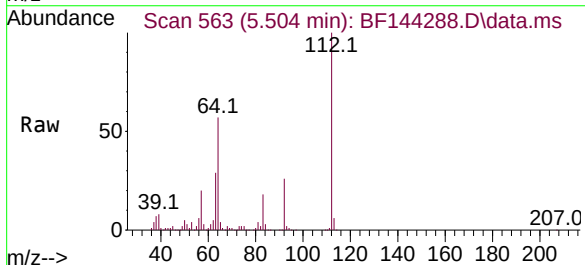
Instrument :
 BNA_F
 ClientSampleId :
 TANK-1-COMP-2

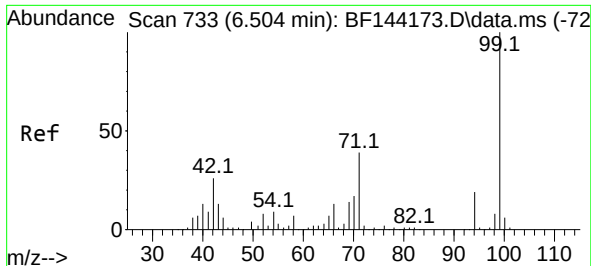
Tgt Ion:152 Resp: 51464
 Ion Ratio Lower Upper
 152 100
 150 159.8 127.4 191.0
 115 60.3 49.5 74.3



#5
 2-Fluorophenol
 Concen: 120.057 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF144288.D
 Acq: 19 Nov 2025 20:17

Tgt Ion:112 Resp: 394832
 Ion Ratio Lower Upper
 112 100
 64 57.4 47.2 70.8
 63 29.0 24.4 36.6

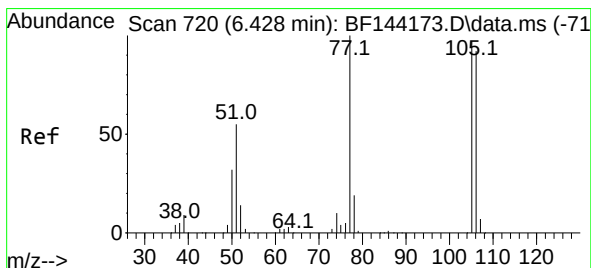
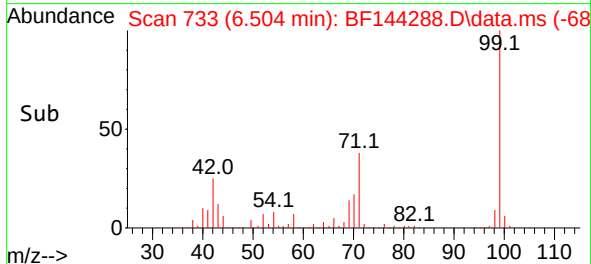
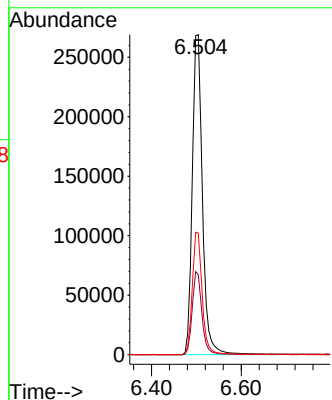
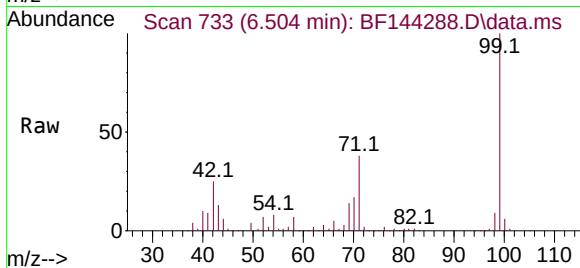




#7
Phenol-d6
Concen: 113.519 ng
RT: 6.504 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

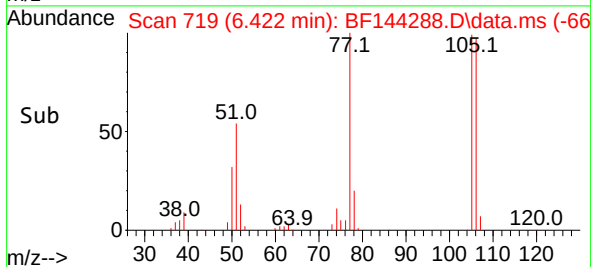
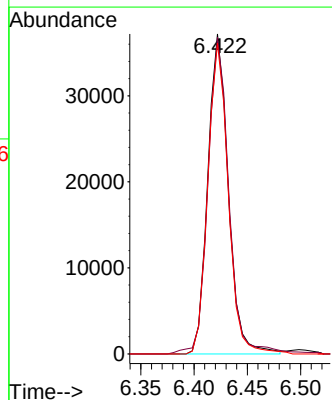
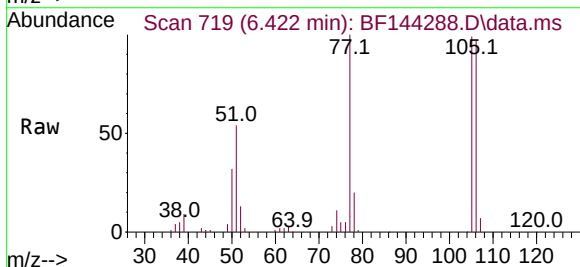
Instrument :
BNA_F
ClientSampleId :
TANK-1-COMP-2

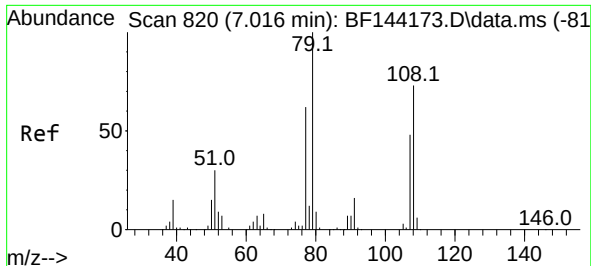
Tgt Ion: 99 Resp: 423011
Ion Ratio Lower Upper
99 100
42 25.0 20.9 31.3
71 38.0 31.4 47.2



#9
Benzaldehyde
Concen: 23.612 ng
RT: 6.422 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

Tgt Ion: 77 Resp: 49684
Ion Ratio Lower Upper
77 100
105 99.0 77.2 117.2
106 97.1 72.2 112.2

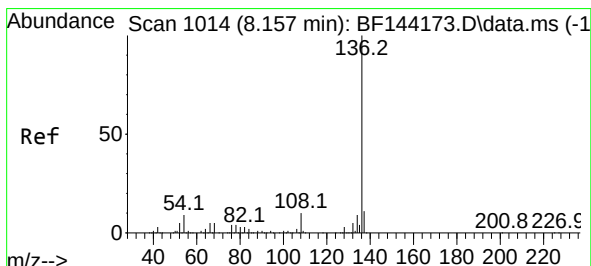
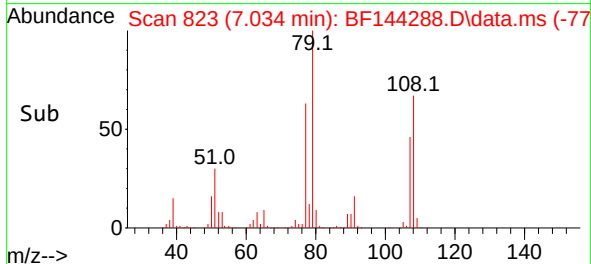
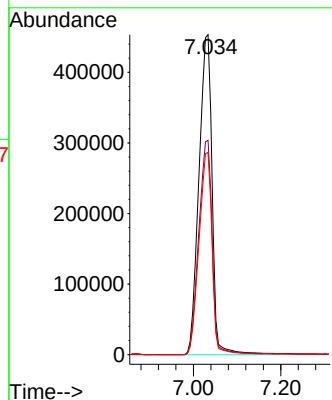
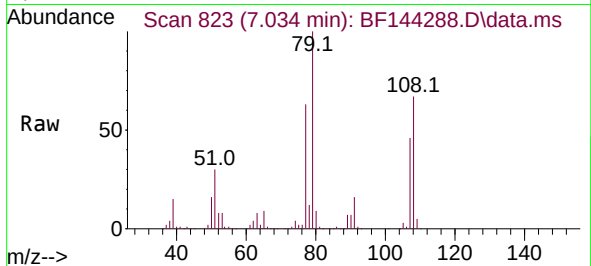




#15
Benzyl Alcohol
Concen: 319.956 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

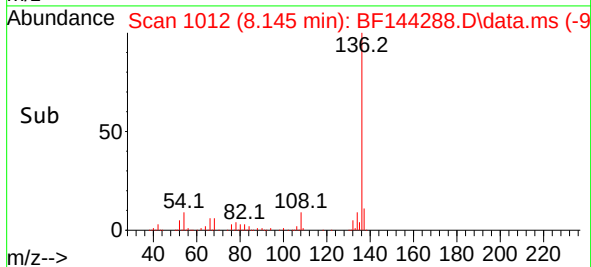
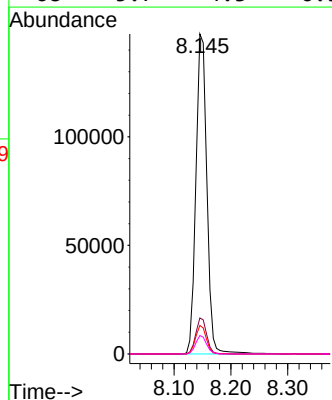
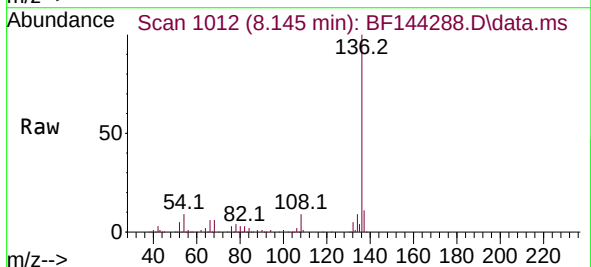
Instrument :
BNA_F
ClientSampleId :
TANK-1-COMP-2

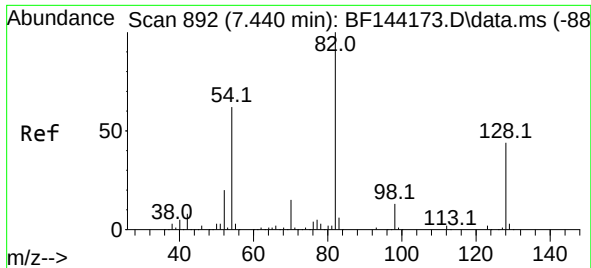
Tgt Ion: 79 Resp: 944079
Ion Ratio Lower Upper
79 100
108 67.0 58.2 87.4
77 63.2 49.9 74.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

Tgt Ion: 136 Resp: 196283
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.9 7.0 10.6
68 5.7 4.3 6.5





#23

Nitrobenzene-d5

Concen: 87.684 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144288.D

Acq: 19 Nov 2025 20:17

Instrument :

BNA_F

ClientSampleId :

TANK-1-COMP-2

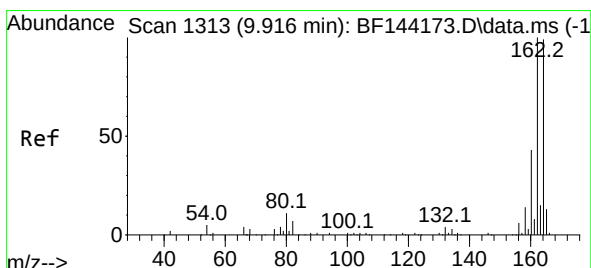
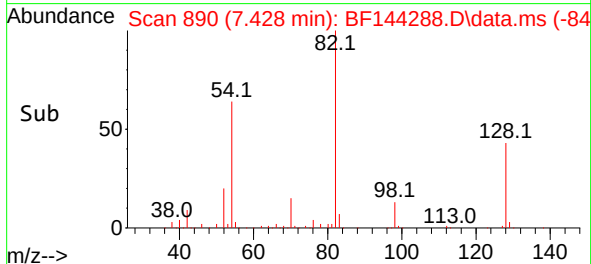
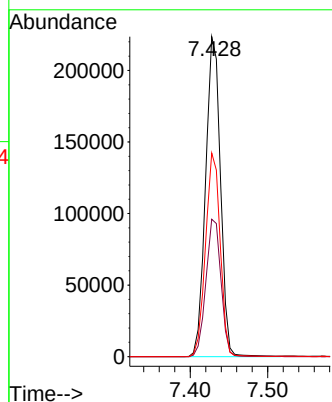
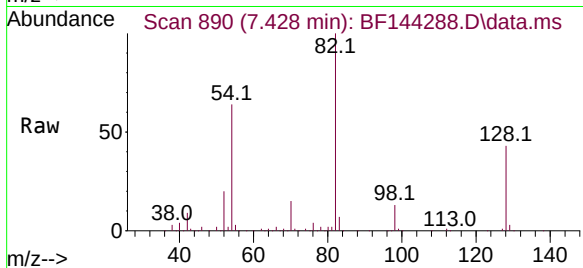
Tgt Ion: 82 Resp: 297999

Ion Ratio Lower Upper

82 100

128 42.9 34.7 52.1

54 63.6 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144288.D

Acq: 19 Nov 2025 20:17

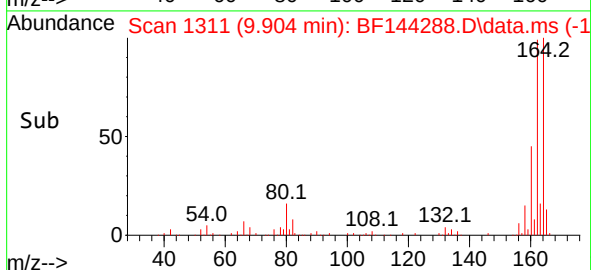
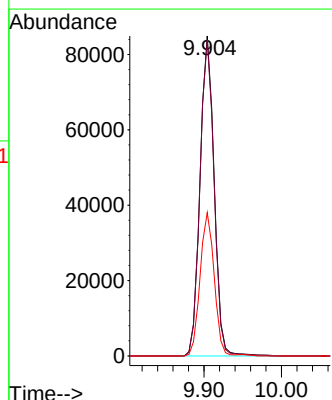
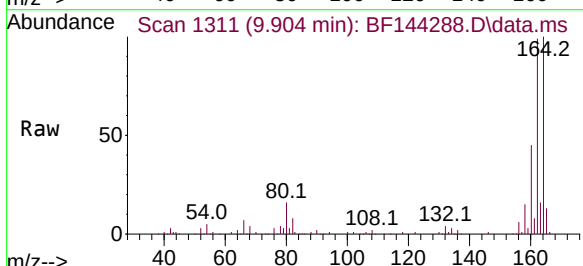
Tgt Ion: 164 Resp: 107214

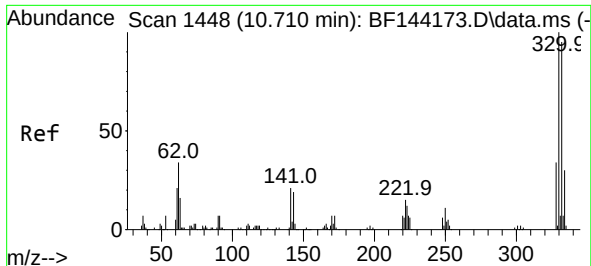
Ion Ratio Lower Upper

164 100

162 98.8 81.1 121.7

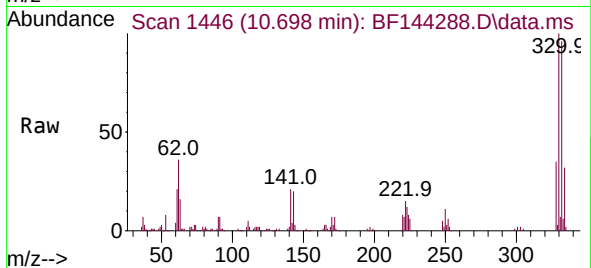
160 44.8 34.5 51.7



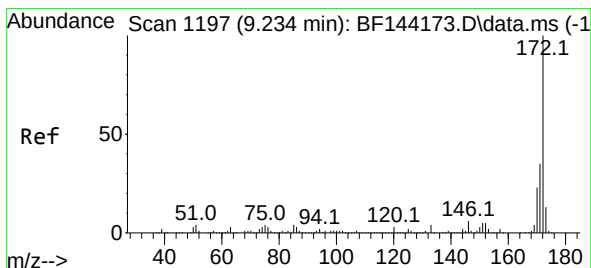
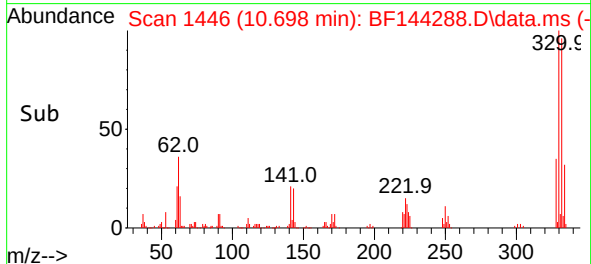
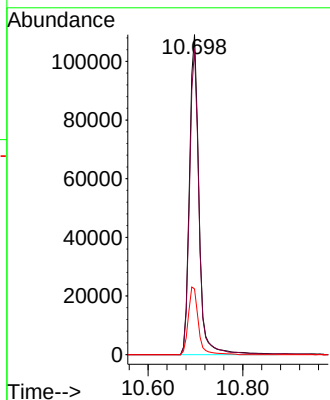


#42
2,4,6-Tribromophenol
Concen: 113.547 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

Instrument :
BNA_F
ClientSampleId :
TANK-1-COMP-2

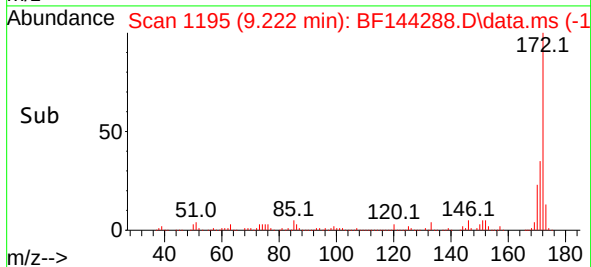
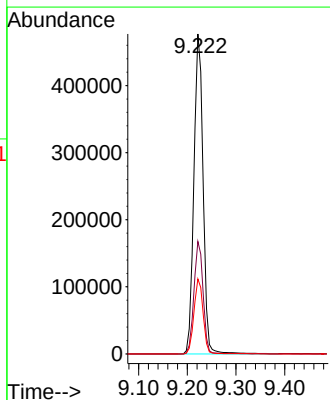
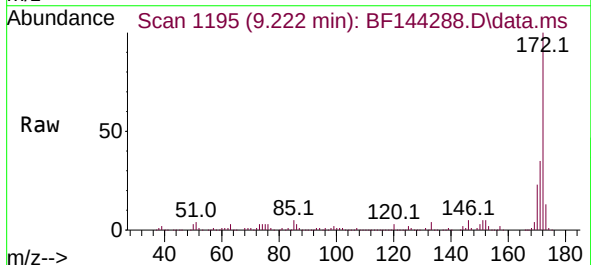


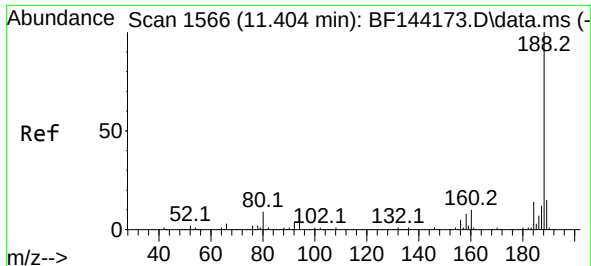
Tgt Ion: 330 Resp: 152768
Ion Ratio Lower Upper
330 100
332 94.9 76.7 115.1
141 22.1 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 85.916 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

Tgt Ion: 172 Resp: 623687
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.4 18.6 28.0

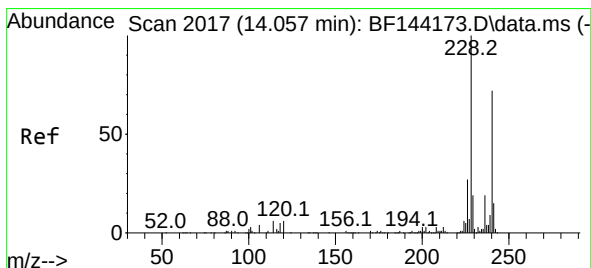
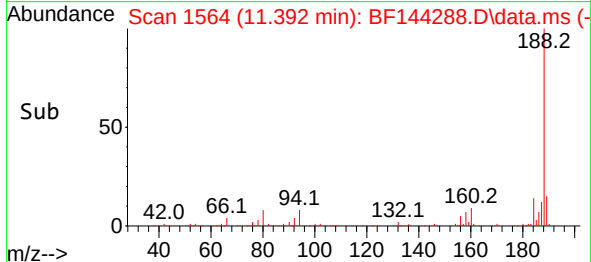
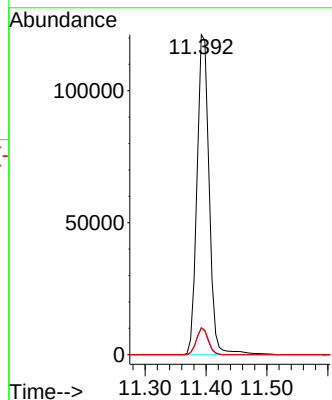
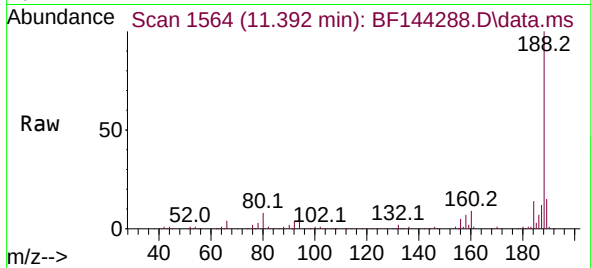




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

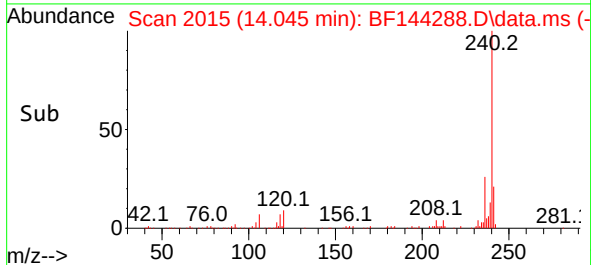
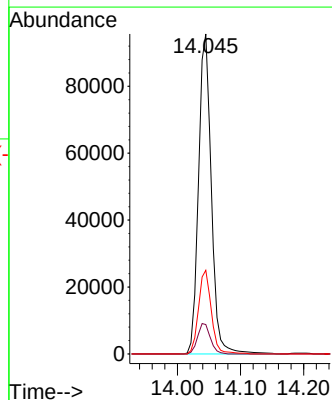
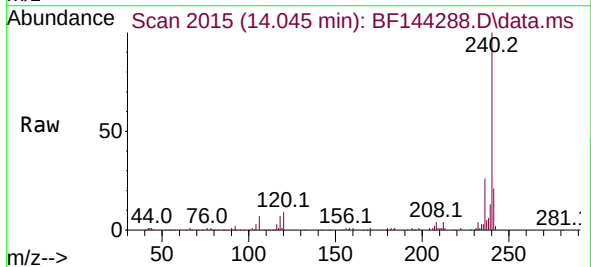
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TANK-1-COMP-2

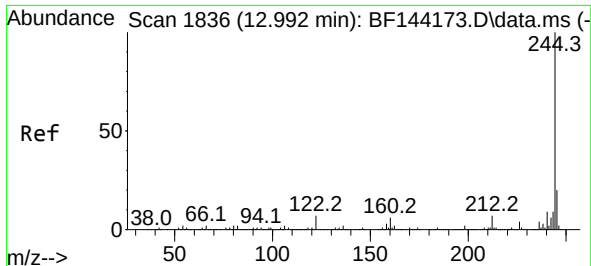
Tgt Ion:188 Resp: 167982
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 8.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

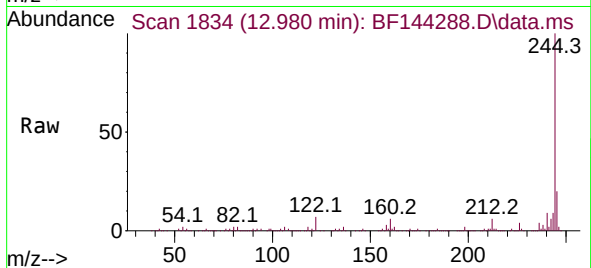
Tgt Ion:240 Resp: 134530
Ion Ratio Lower Upper
240 100
120 9.2 6.6 10.0
236 26.1 21.4 32.2



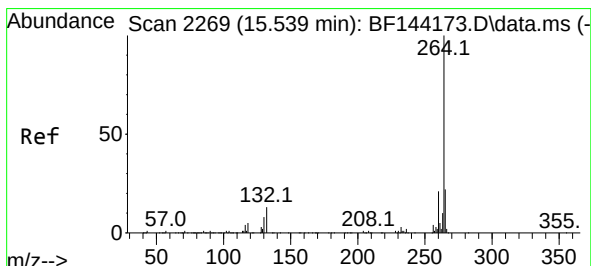
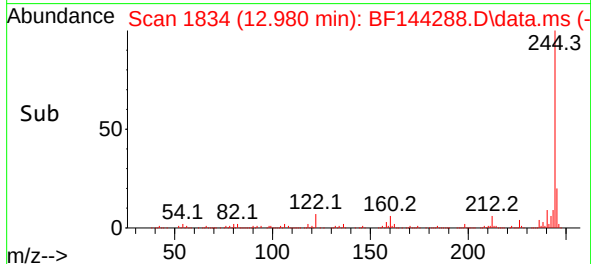
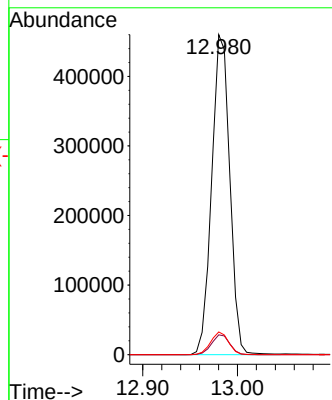


#79
 Terphenyl-d14
 Concen: 72.021 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144288.D
 Acq: 19 Nov 2025 20:17

Instrument :
 BNA_F
 ClientSampleId :
 TANK-1-COMP-2



Tgt Ion:244 Resp: 609979
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 7.1 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF144288.D
 Acq: 19 Nov 2025 20:17

Tgt Ion:264 Resp: 160100
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.1 25.7
 265 21.5 17.4 26.0

