

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132307.D
 Acq On : 02 Feb 2023 23:24
 Operator : CG\JU
 Sample : 01371-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-BERKSHIRE-NW

Quant Time: Feb 03 00:27:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

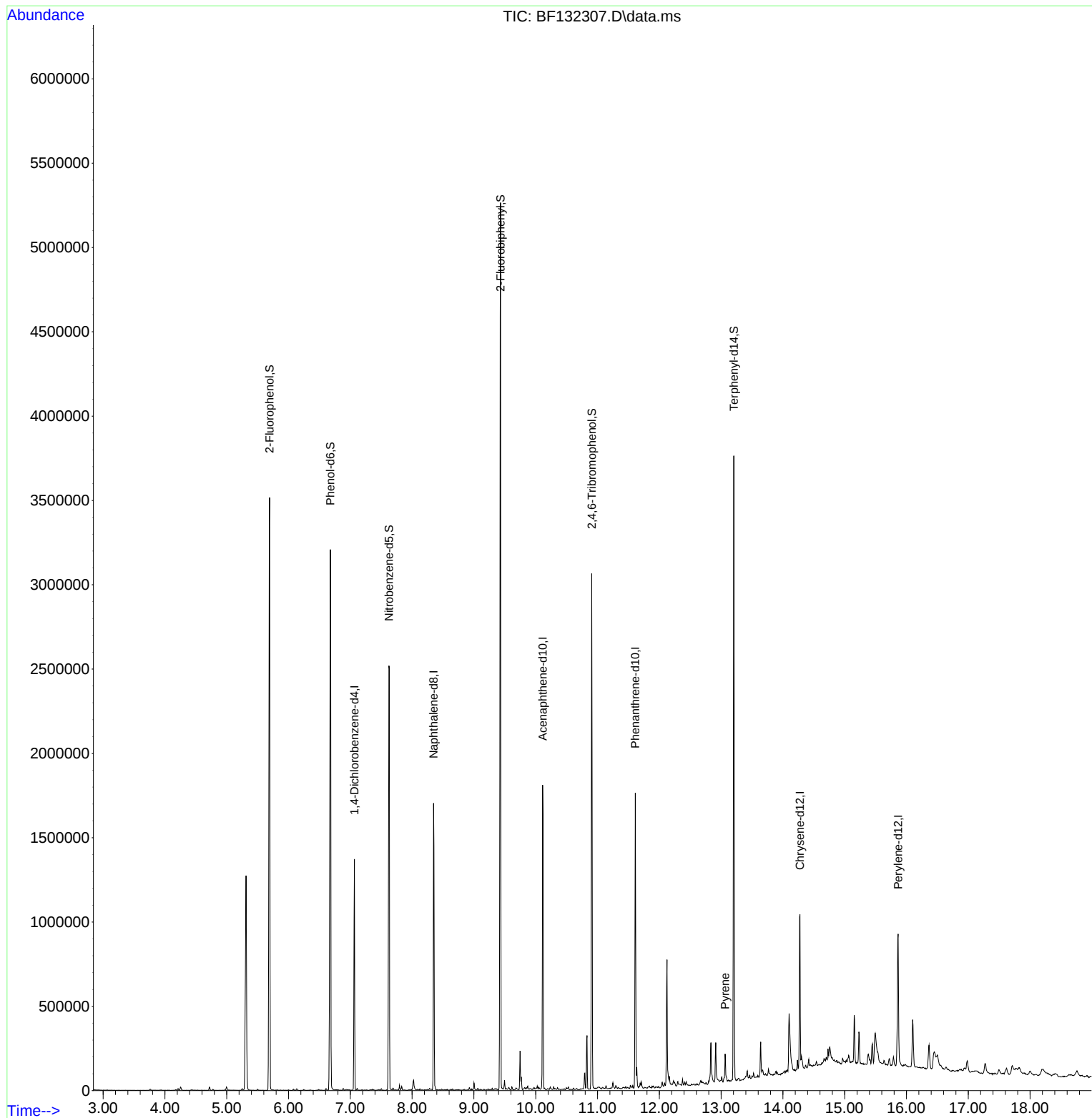
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	199411	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	746722	20.000	ng	-0.01
39) Acenaphthene-d10	10.113	164	368232	20.000	ng	-0.01
64) Phenanthrene-d10	11.613	188	591675	20.000	ng	-0.01
76) Chrysene-d12	14.277	240	313412	20.000	ng	-0.01
86) Perylene-d12	15.865	264	379726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.695	112	1271788	102.515	ng	0.01
7) Phenol-d6	6.678	99	1547512	101.180	ng	0.00
23) Nitrobenzene-d5	7.625	82	945534	70.463	ng	-0.01
42) 2,4,6-Tribromophenol	10.907	330	373718	98.691	ng	-0.01
45) 2-Fluorobiphenyl	9.430	172	1636443	68.627	ng	0.00
79) Terphenyl-d14	13.207	244	1239821	76.523	ng	0.00
Target Compounds						
78) Pyrene	13.065	202	56492	2.241	ng	Qvalue 98

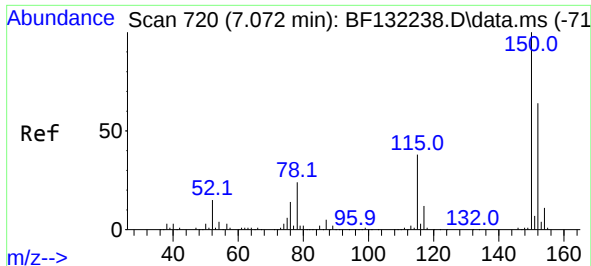
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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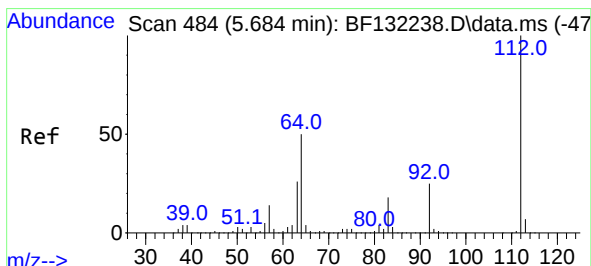
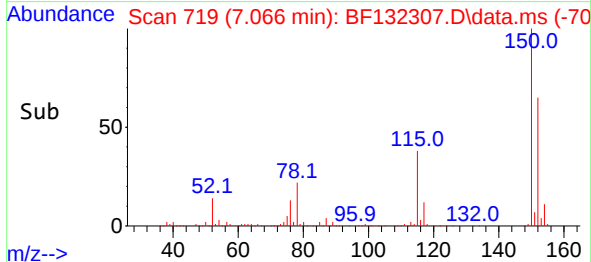
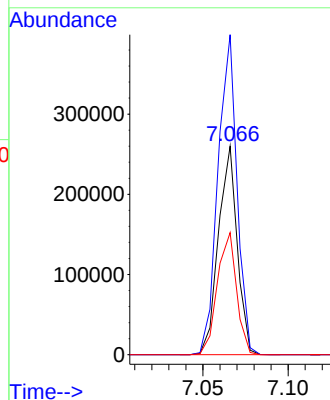
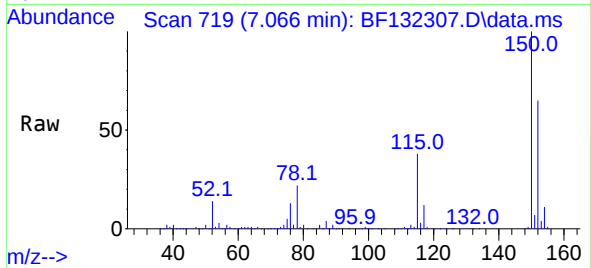




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132307.D
Acq: 02 Feb 2023 23:24

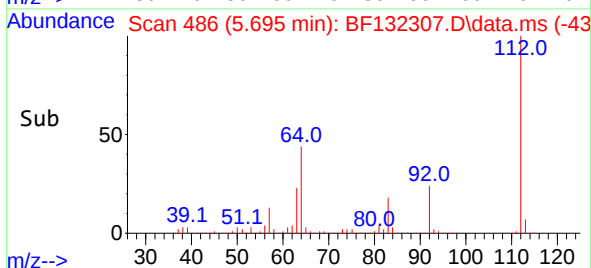
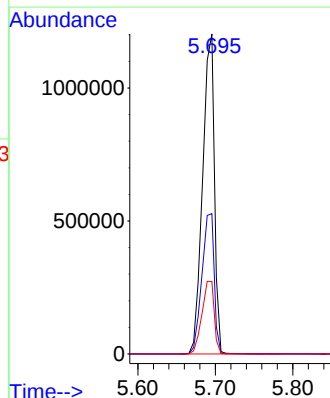
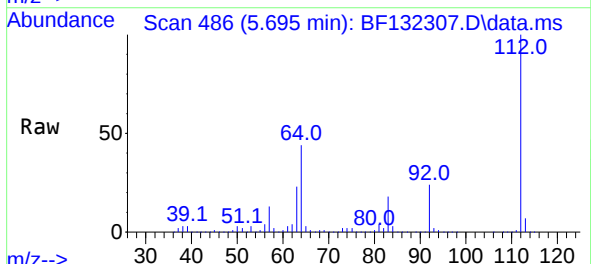
Instrument :
BNA_F
ClientSampleId :
1-BERKSHIRE-NW

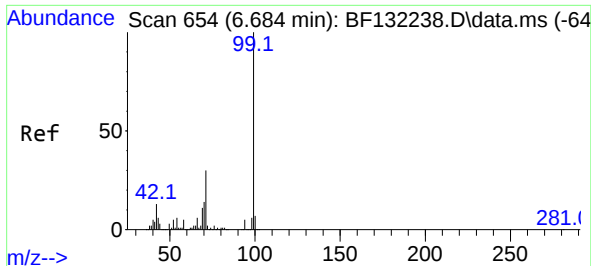
Tgt Ion:152 Resp: 199411
Ion Ratio Lower Upper
152 100
150 153.5 124.2 186.2
115 58.6 47.3 70.9



#5
2-Fluorophenol
Concen: 102.515 ng
RT: 5.695 min Scan# 486
Delta R.T. 0.011 min
Lab File: BF132307.D
Acq: 02 Feb 2023 23:24

Tgt Ion:112 Resp: 1271788
Ion Ratio Lower Upper
112 100
64 43.9 40.0 60.0
63 22.6 20.5 30.7

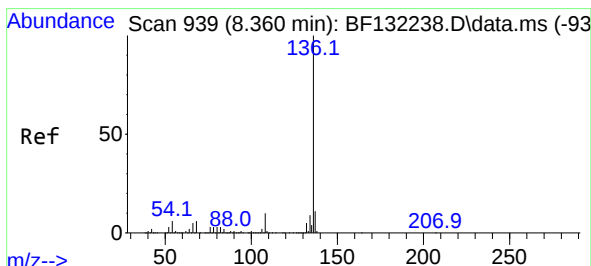
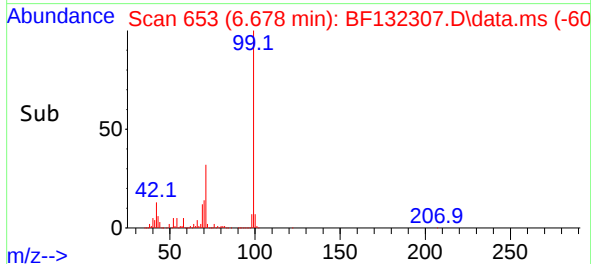
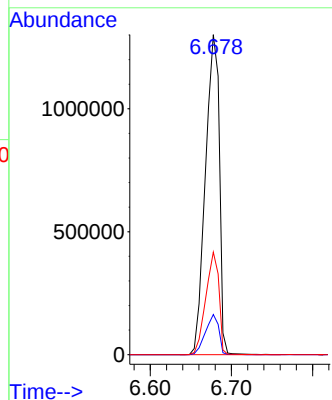
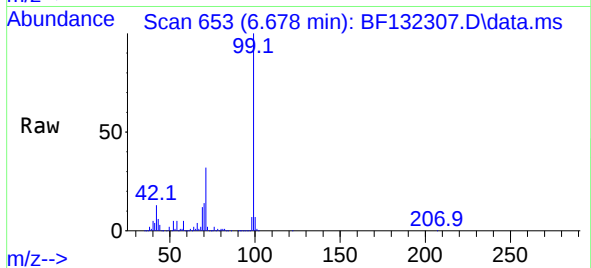




#7
Phenol-d6
Concen: 101.180 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132307.D
Acq: 02 Feb 2023 23:24

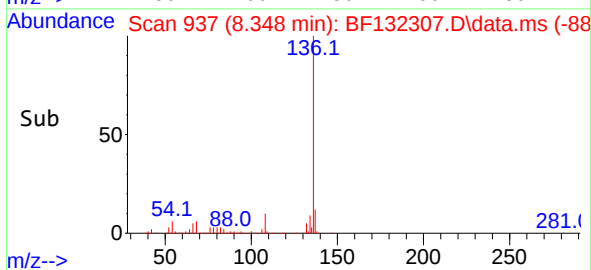
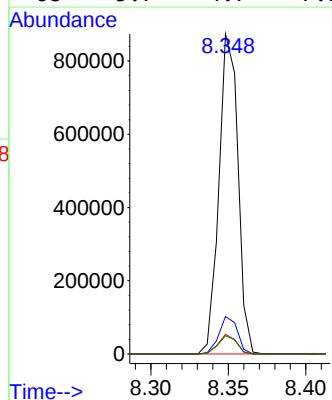
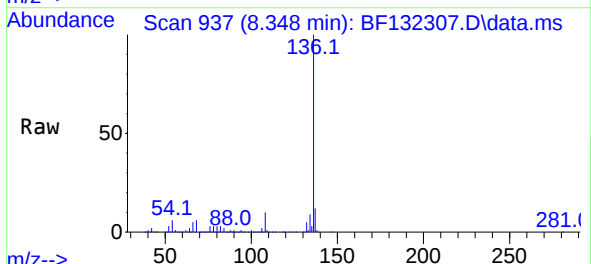
Instrument :
BNA_F
ClientSampleId :
1-BERKSHIRE-NW

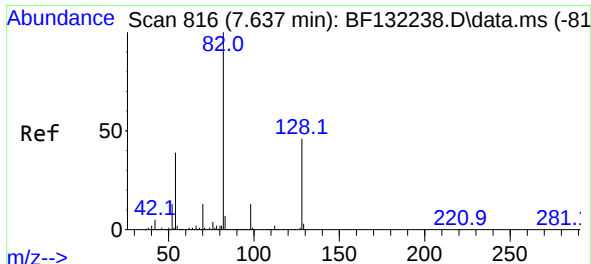
Tgt Ion: 99 Resp: 1547512
Ion Ratio Lower Upper
99 100
42 12.6 10.1 15.1
71 32.0 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF132307.D
Acq: 02 Feb 2023 23:24

Tgt Ion:136 Resp: 746722
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 6.1 4.9 7.3
68 5.7 4.7 7.1

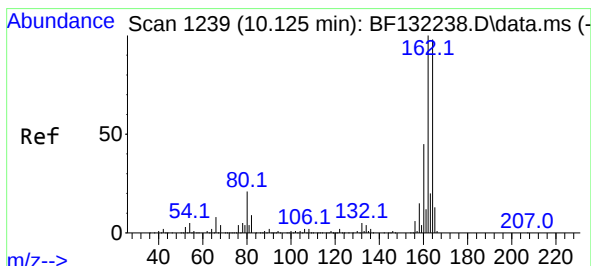
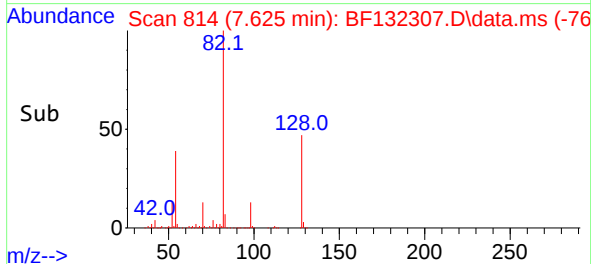
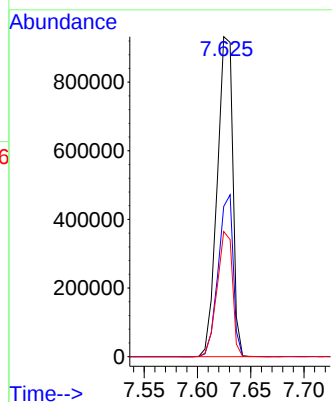
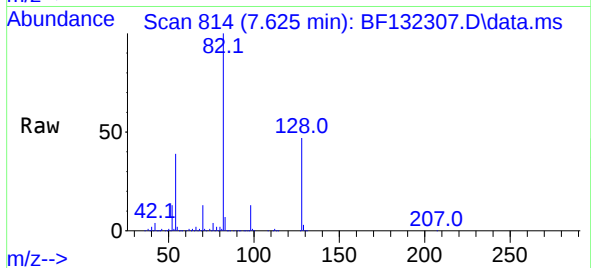




#23
Nitrobenzene-d5
Concen: 70.463 ng
RT: 7.625 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF132307.D
Acq: 02 Feb 2023 23:24

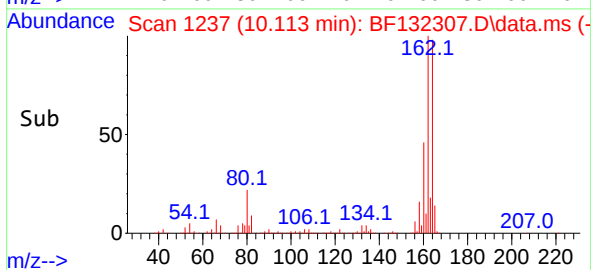
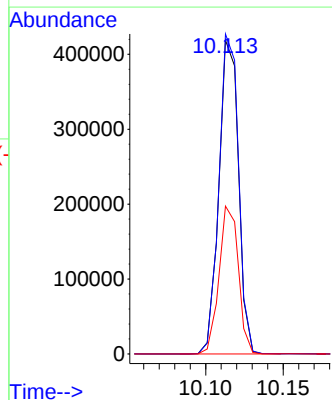
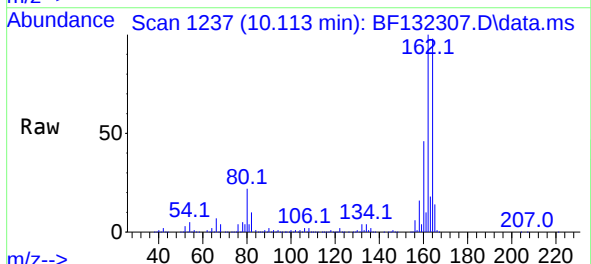
Instrument :
BNA_F
ClientSampleId :
1-BERKSHIRE-NW

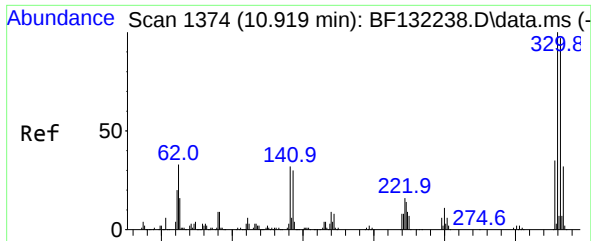
Tgt Ion: 82 Resp: 945534
Ion Ratio Lower Upper
82 100
128 47.0 37.0 55.4
54 39.1 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.113 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF132307.D
Acq: 02 Feb 2023 23:24

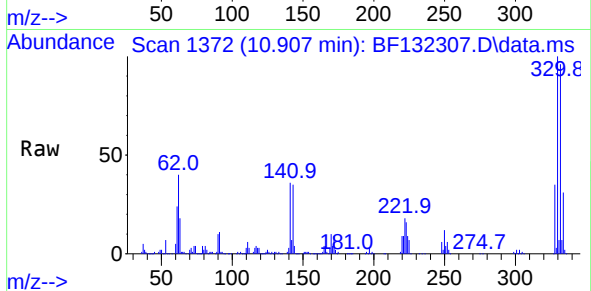
Tgt Ion: 164 Resp: 368232
Ion Ratio Lower Upper
164 100
162 102.0 82.0 123.0
160 47.1 37.1 55.7



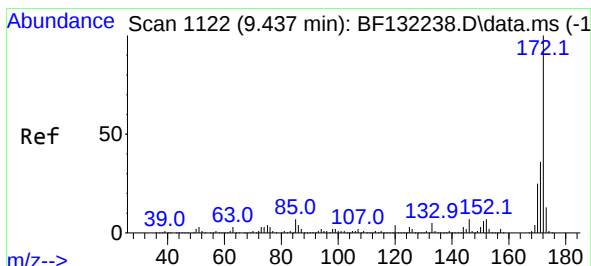
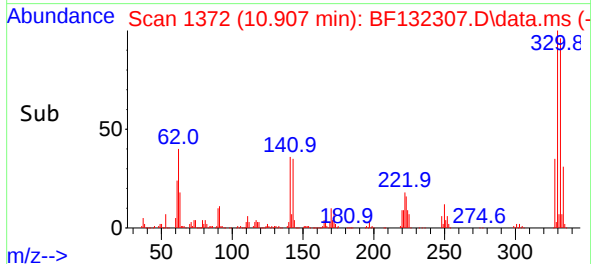
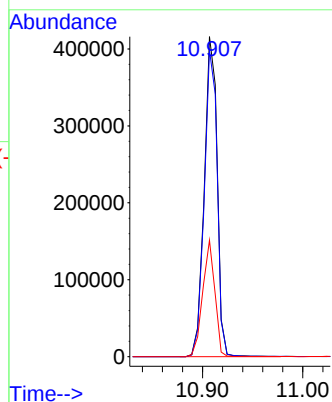


#42
2,4,6-Tribromophenol
Concen: 98.691 ng
RT: 10.907 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132307.D
Acq: 02 Feb 2023 23:24

Instrument :
BNA_F
ClientSampleId :
1-BERKSHIRE-NW

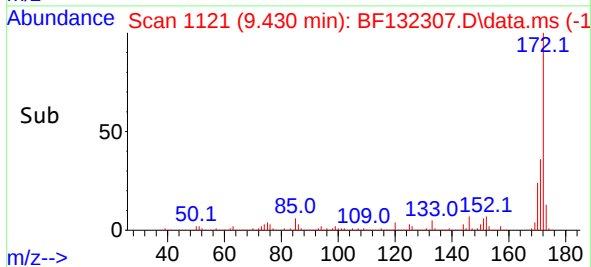
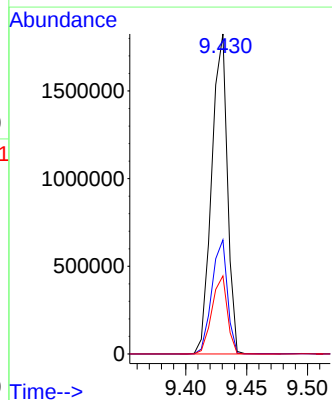
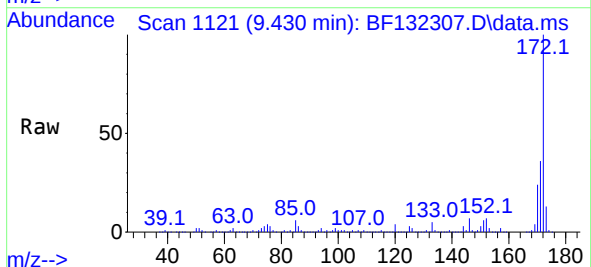


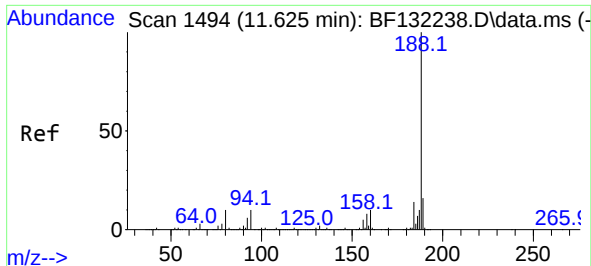
Tgt Ion:330 Resp: 373718
Ion Ratio Lower Upper
330 100
332 96.1 77.9 116.9
141 34.4 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 68.627 ng
RT: 9.430 min Scan# 1121
Delta R.T. -0.007 min
Lab File: BF132307.D
Acq: 02 Feb 2023 23:24

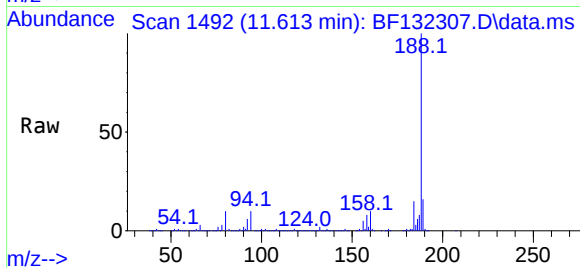
Tgt Ion:172 Resp: 1636443
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.4 19.7 29.5



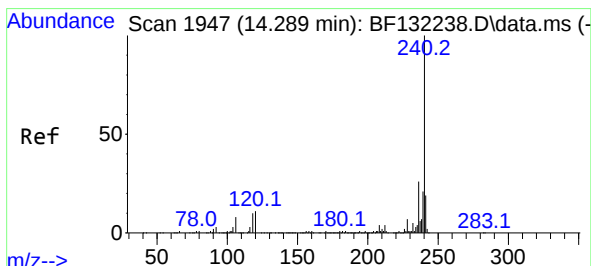
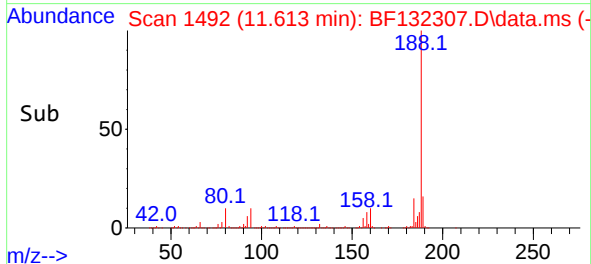
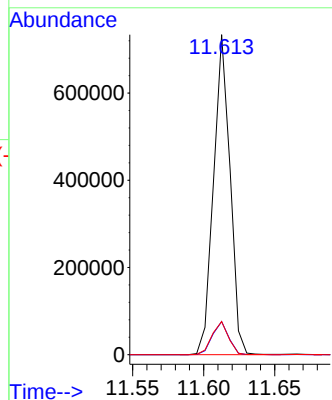


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.613 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF132307.D
Acq: 02 Feb 2023 23:24

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1-BERKSHIRE-NW

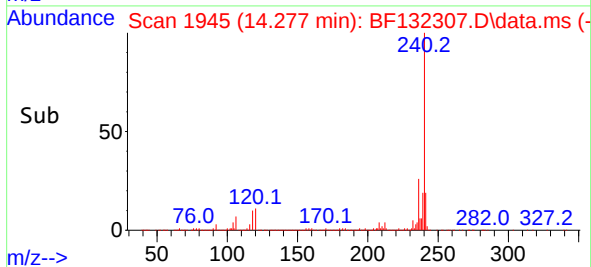
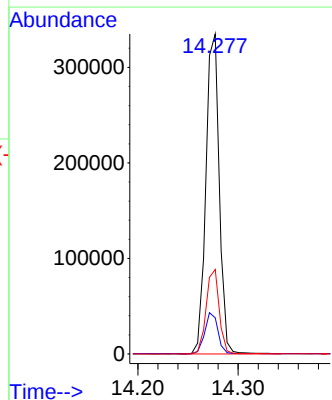
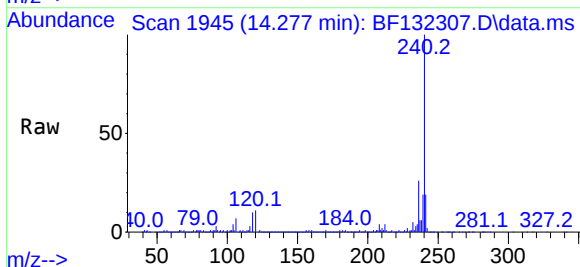


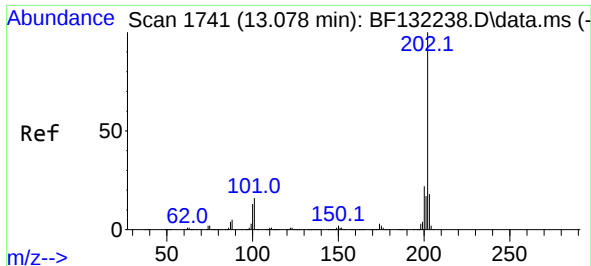
Tgt Ion:188 Resp: 591675
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 10.4 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132307.D
Acq: 02 Feb 2023 23:24

Tgt Ion:240 Resp: 313412
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 26.4 21.0 31.6

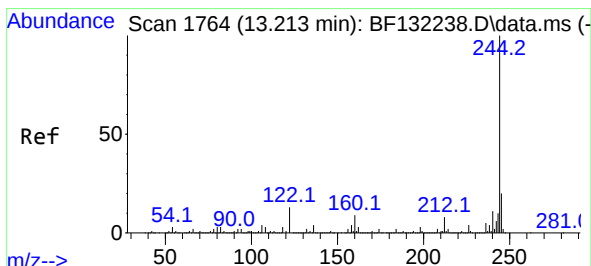
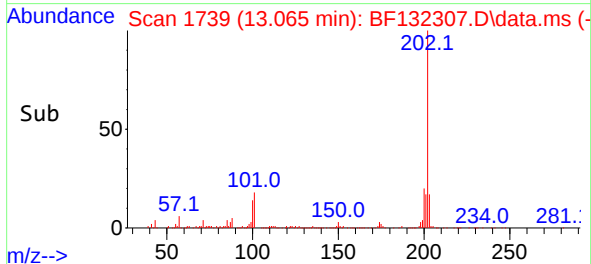
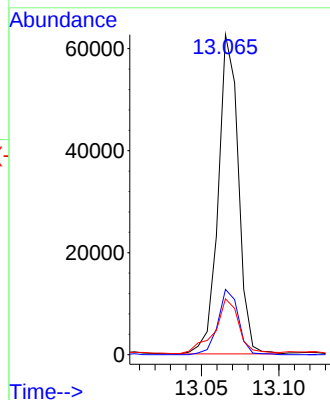
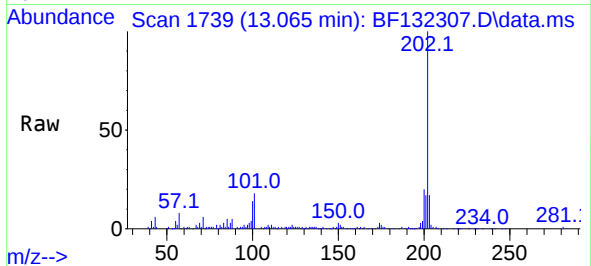




#78
Pyrene
Concen: 2.241 ng
RT: 13.065 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BF132307.D
Acq: 02 Feb 2023 23:24

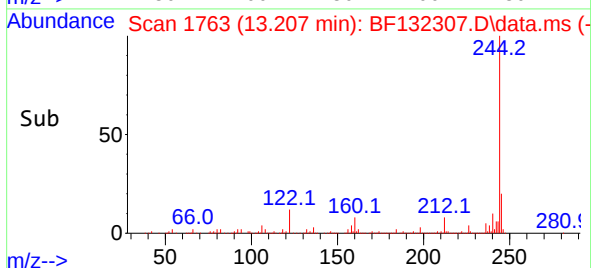
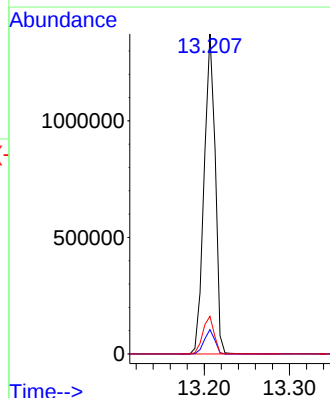
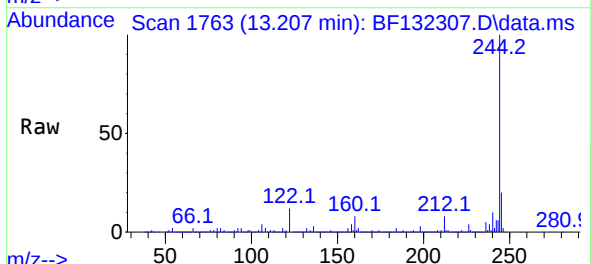
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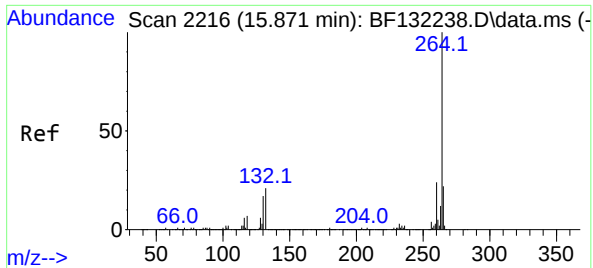
Tgt Ion:202 Resp: 56492
Ion Ratio Lower Upper
202 100
200 20.4 17.3 25.9
203 17.4 14.4 21.6



#79
Terphenyl-d14
Concen: 76.523 ng
RT: 13.207 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF132307.D
Acq: 02 Feb 2023 23:24

Tgt Ion:244 Resp: 1239821
Ion Ratio Lower Upper
244 100
212 7.6 6.4 9.6
122 11.7 10.5 15.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.865 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132307.D
 Acq: 02 Feb 2023 23:24

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 379726

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.5	17.4	26.2

