

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016914.D
 Acq On : 13 Oct 2021 01:25
 Operator : CG/JU
 Sample : M4169-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 13 06:19:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 02:19:57 2021
 Response via : Initial Calibration

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

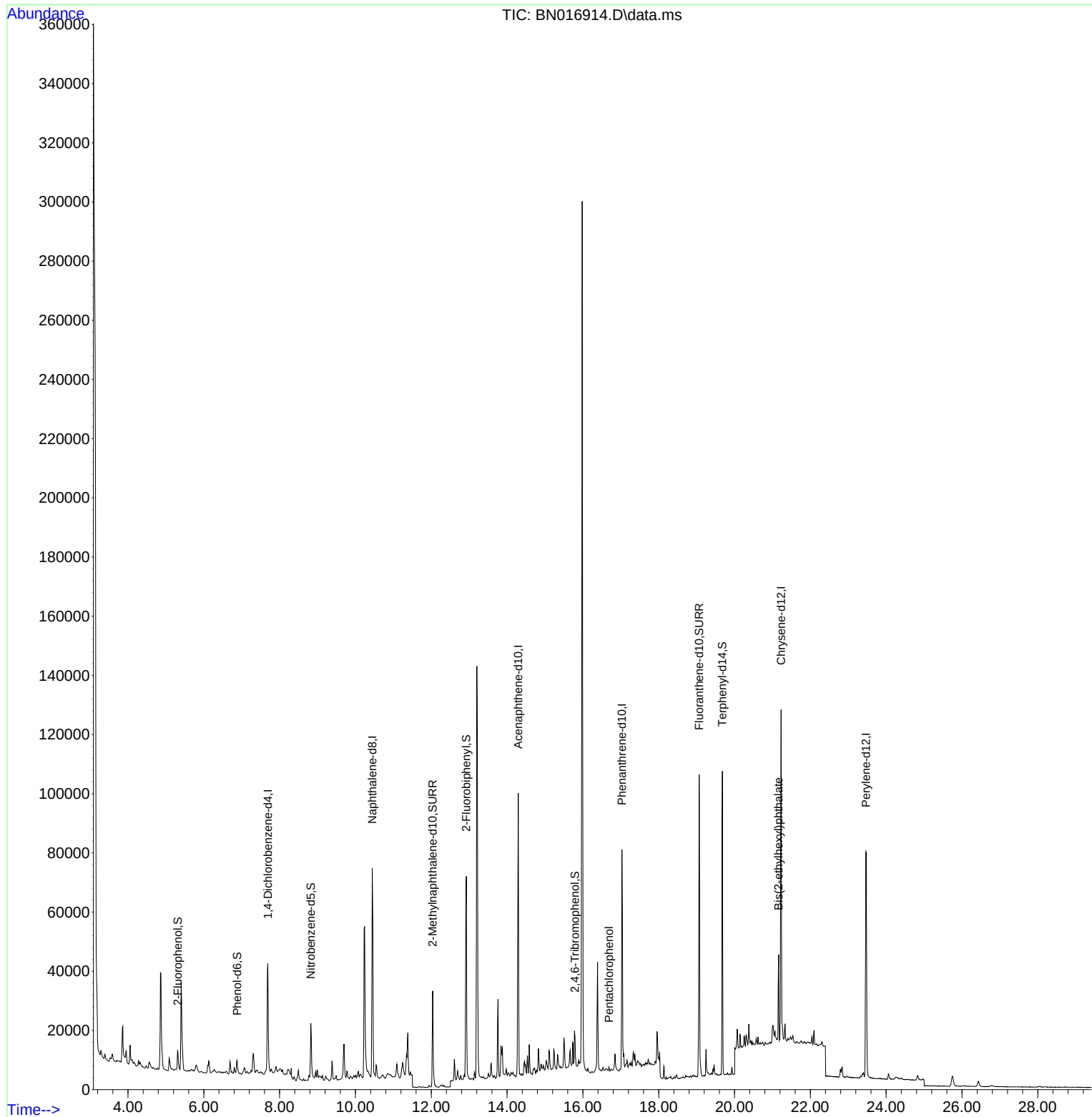
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	21587	0.40	ng	0.00
7) Naphthalene-d8	10.445	136	97610	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	54030	0.40	ng	0.00
19) Phenanthrene-d10	17.030	188	102551	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	100181	0.40	ng	# 0.00
35) Perylene-d12	23.467	264	105873	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	7975	0.16	ng	0.02
5) Phenol-d6	6.877	99	5547	0.10	ng	0.00
8) Nitrobenzene-d5	8.822	82	17958	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	44540	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	10671	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	60190	0.29	ng	0.00
27) Fluoranthene-d10	19.068	212	112050	0.44	ng	0.00
31) Terphenyl-d14	19.678	244	97433	0.44	ng	0.00
Target Compounds						Qvalue
24) Pentachlorophenol	16.689	266	587	0.22	ng	97
34) Bis(2-ethylhexyl)phtha...	21.164	149	27504	0.33	ng	96

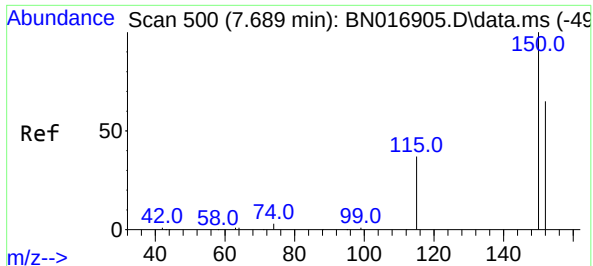
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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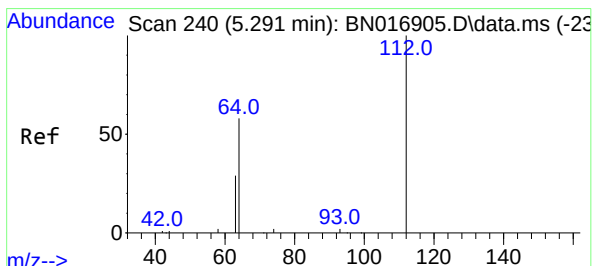
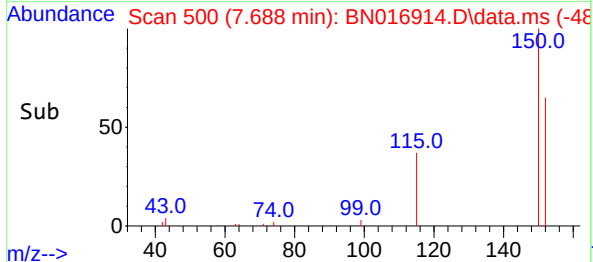
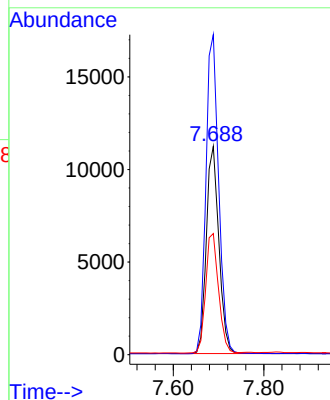
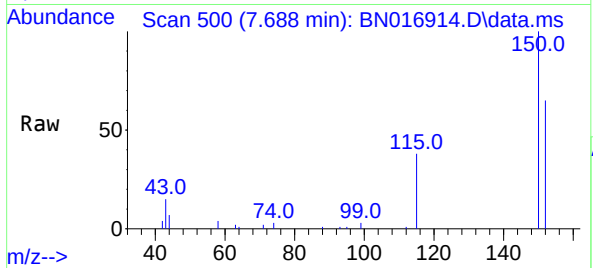




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.688 min Scan# 500
Delta R.T. -0.001 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

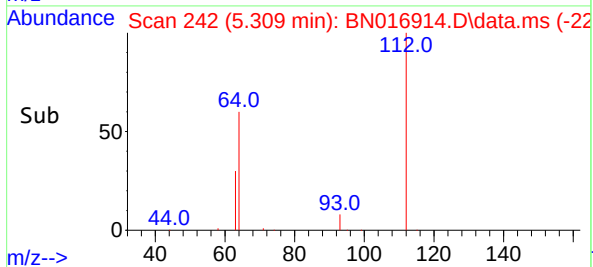
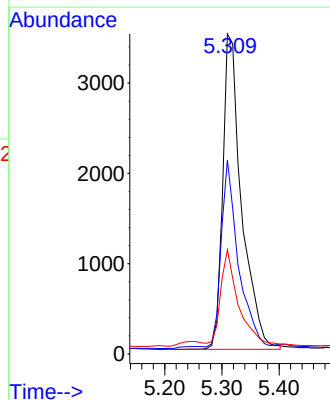
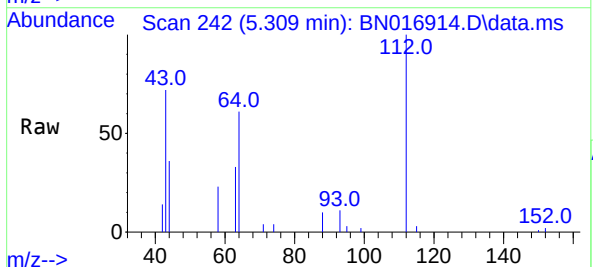
Instrument :
BNA_N
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P287-DITCH

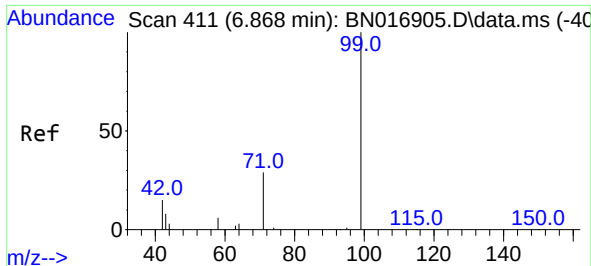
Tgt Ion:152 Resp: 21587
Ion Ratio Lower Upper
152 100
150 153.5 122.6 183.8
115 58.1 46.1 69.1



#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.018 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Tgt Ion:112 Resp: 7975
Ion Ratio Lower Upper
112 100
64 53.4 45.0 67.4
63 28.0 22.6 33.8

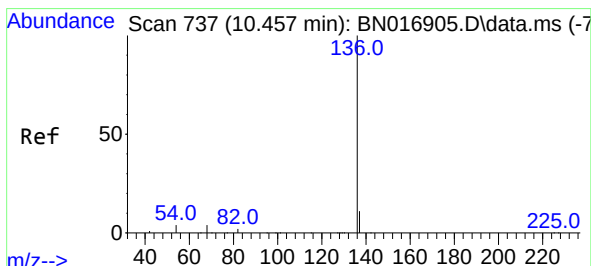
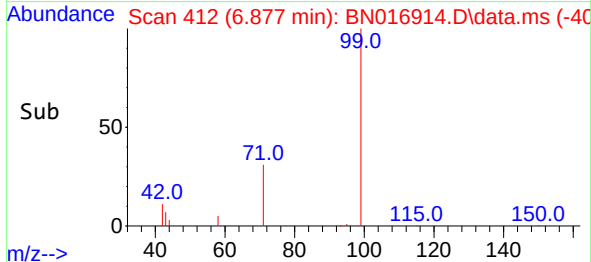
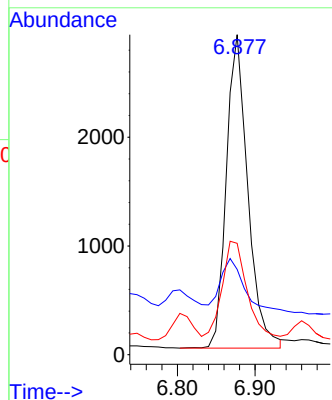
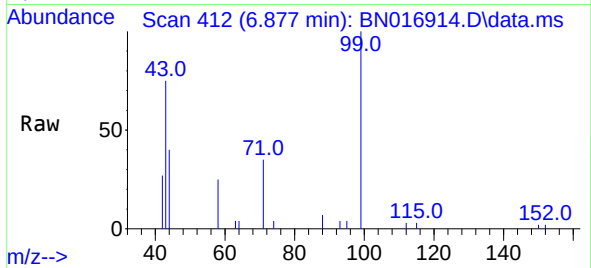




#5
Phenol-d6
Concen: 0.10 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

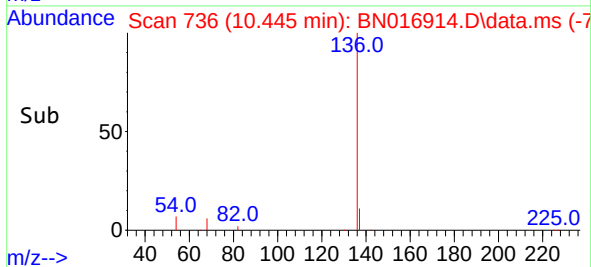
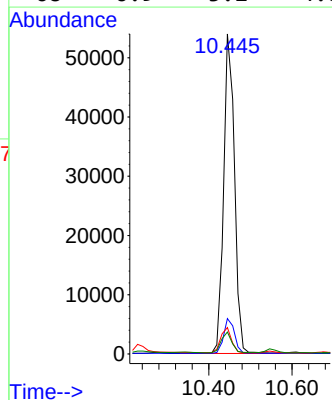
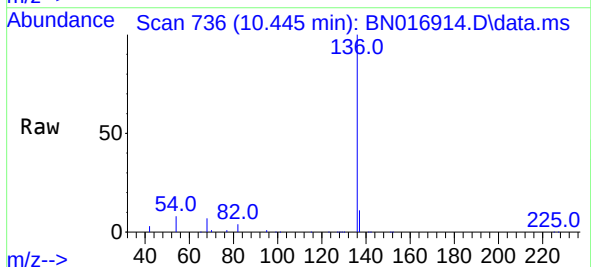
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

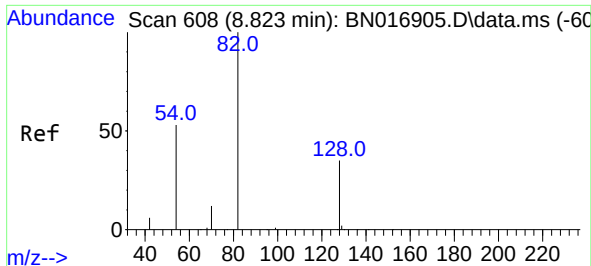
Tgt Ion: 99 Resp: 5547
Ion Ratio Lower Upper
99 100
42 16.4 14.2 21.4
71 33.9 24.5 36.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Tgt Ion: 136 Resp: 97610
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.2 3.7 5.5#
68 6.9 3.2 4.8#

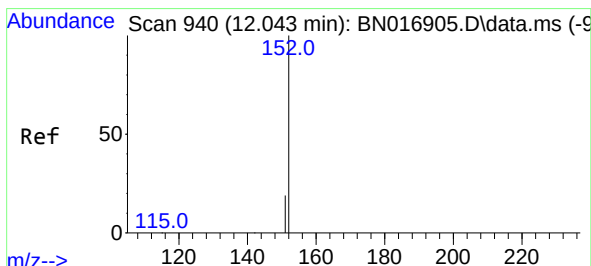
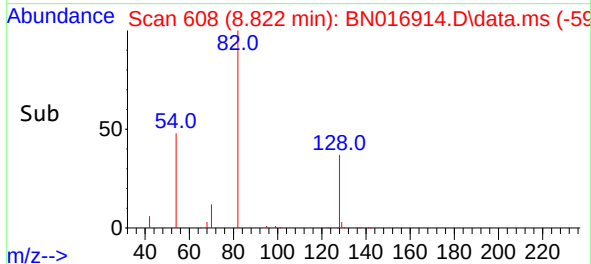
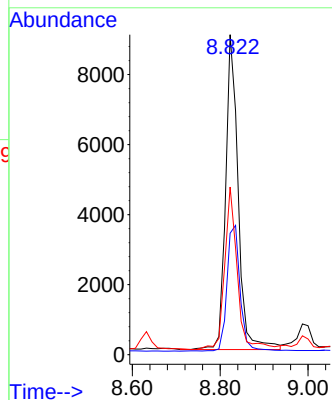
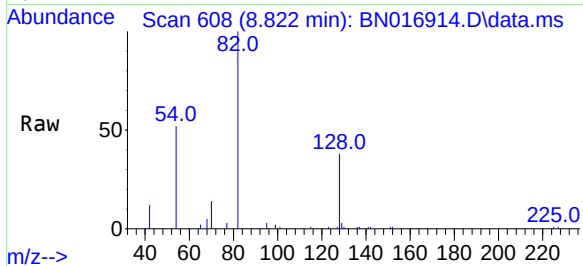




#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

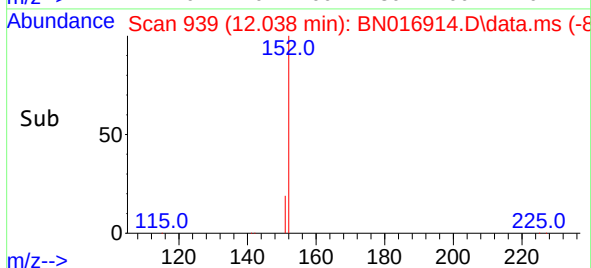
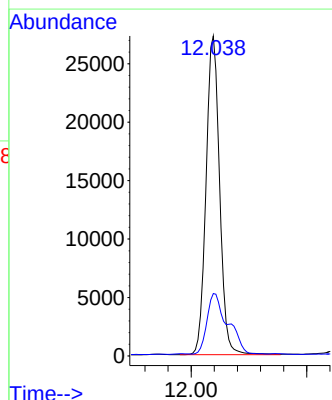
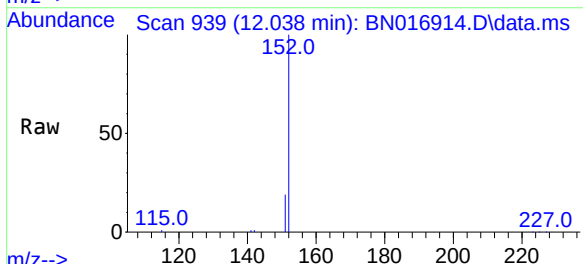
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

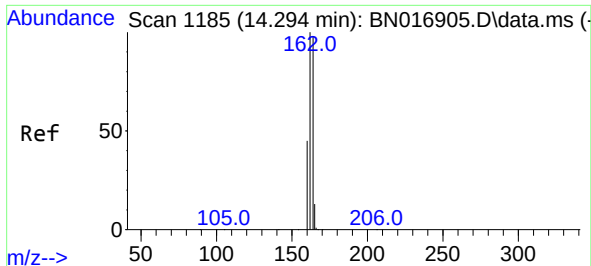
Tgt Ion: 82 Resp: 17958
Ion Ratio Lower Upper
82 100
128 38.0 28.3 42.5
54 52.4 43.0 64.4



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Tgt Ion: 152 Resp: 44540
Ion Ratio Lower Upper
152 100
151 28.8 16.2 24.4#

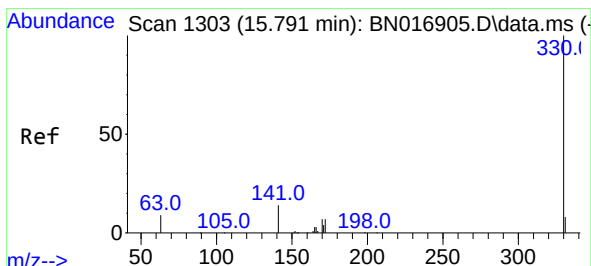
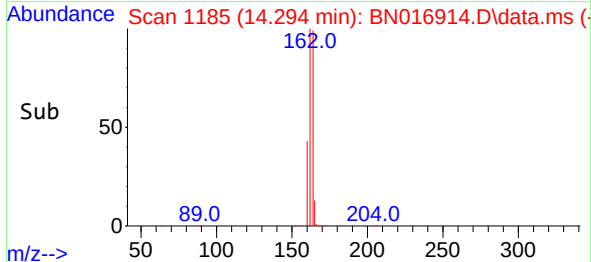
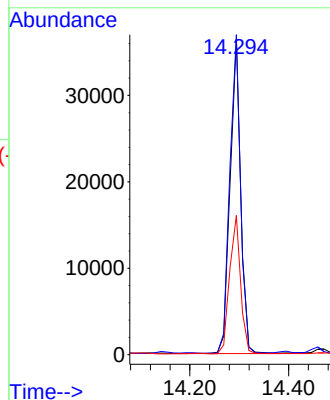
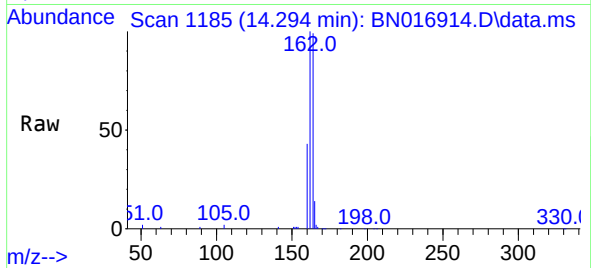




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

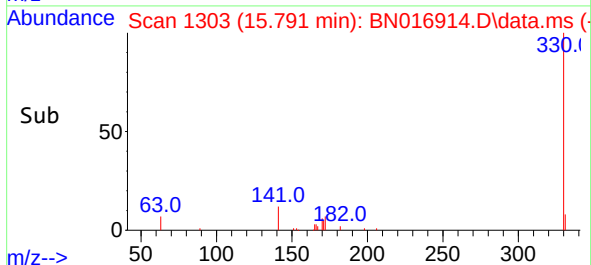
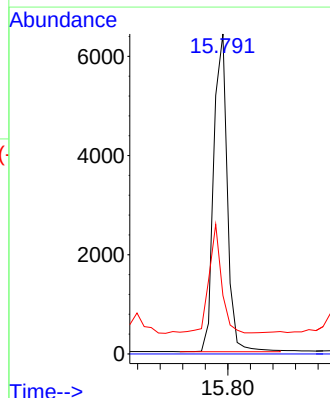
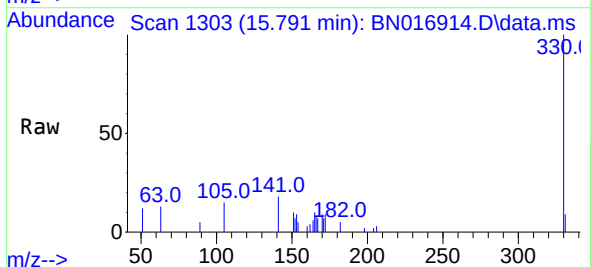
Instrument :
BNA_N
ClientSampleId :
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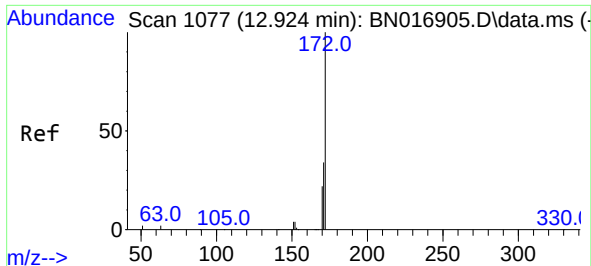
Tgt Ion:164 Resp: 54030
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 44.0 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Tgt Ion:330 Resp: 10671
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.2 24.4 36.6

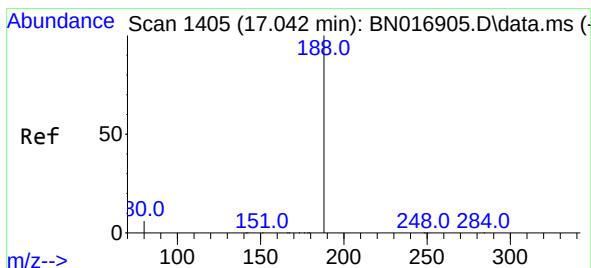
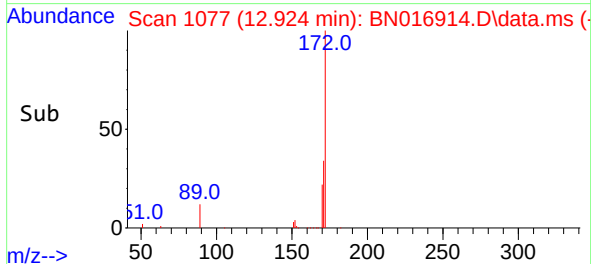
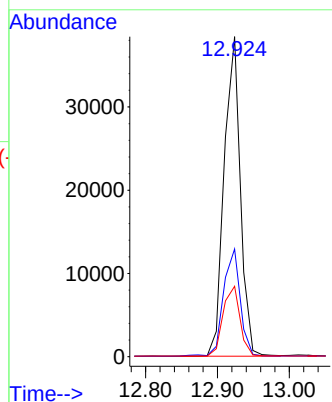
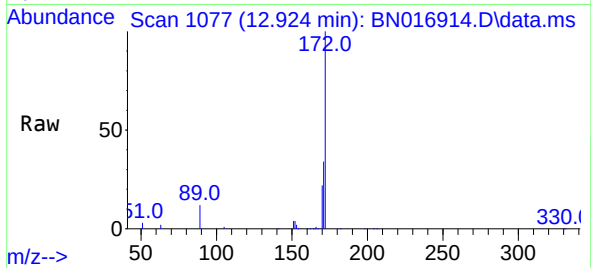




#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

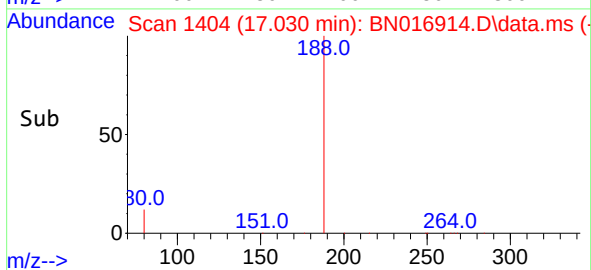
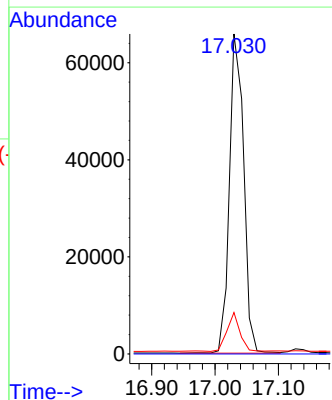
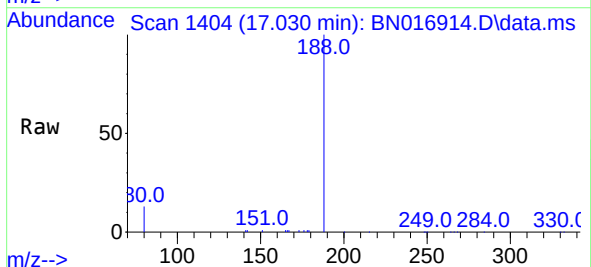
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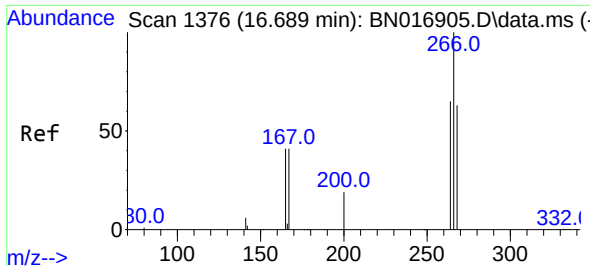
Tgt Ion:	172	Resp:	60190
Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.4	41.0
170	22.0	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Tgt Ion:	188	Resp:	102551
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	4.9	7.3#

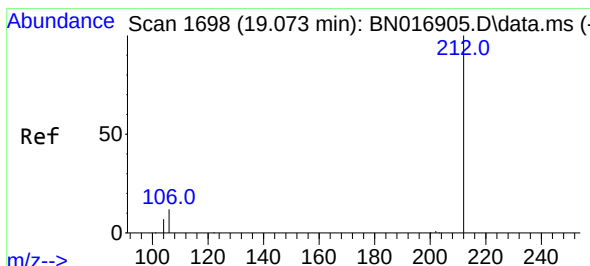
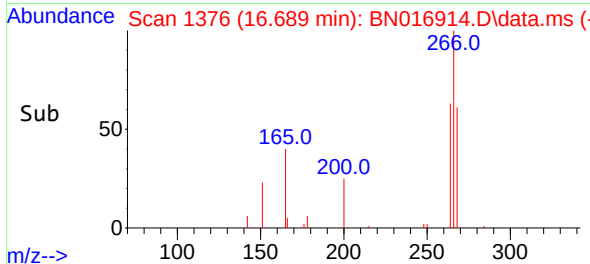
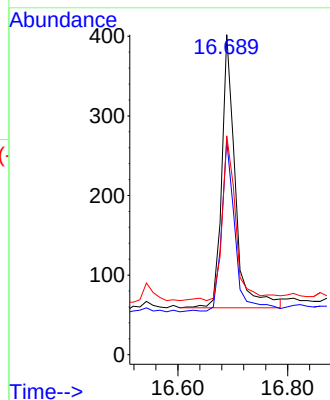
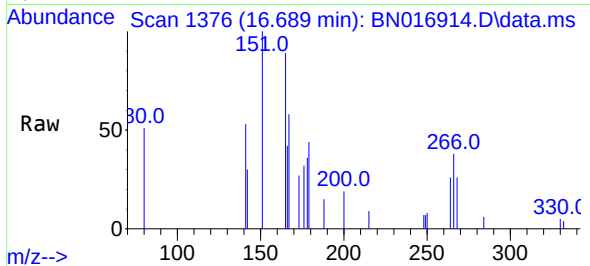




#24
Pentachlorophenol
Concen: 0.22 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

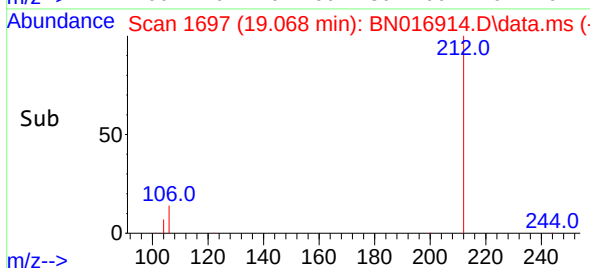
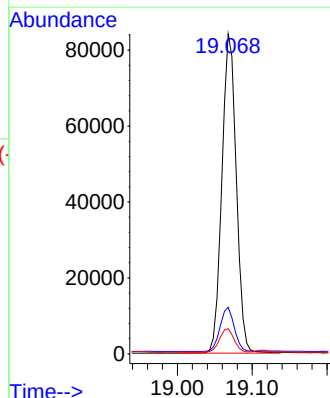
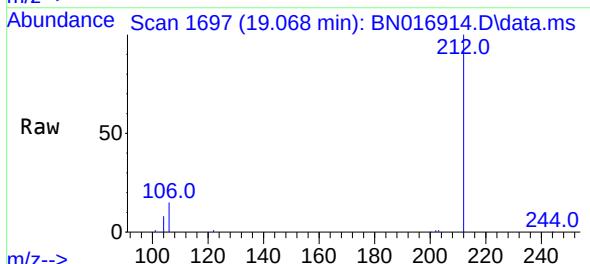
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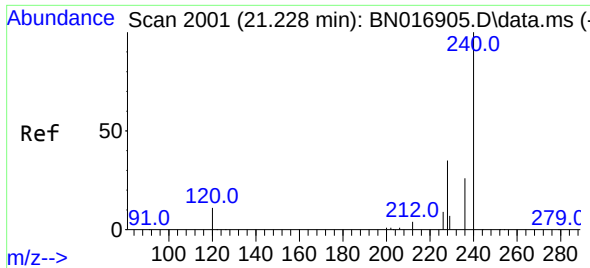
Tgt Ion:	266	Resp:	587
Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.5	75.7
268	60.1	51.2	76.8



#27
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Tgt Ion:	212	Resp:	112050
Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.7	16.1
104	7.5	5.8	8.8

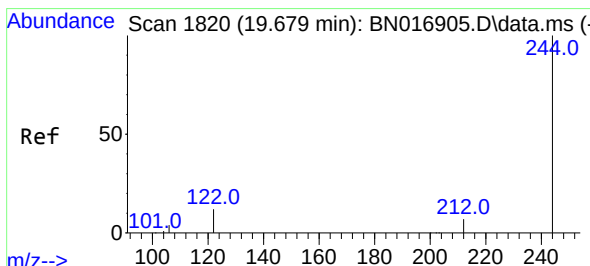
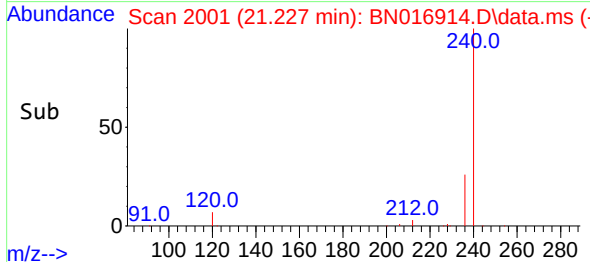
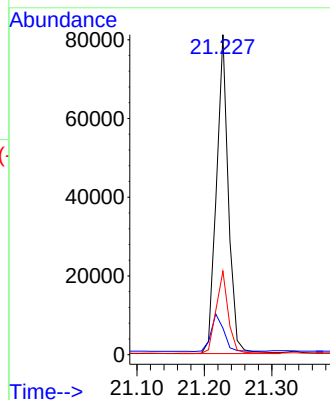
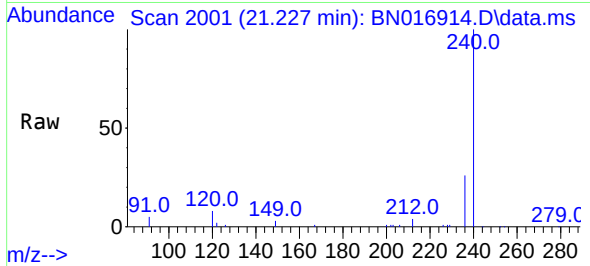




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

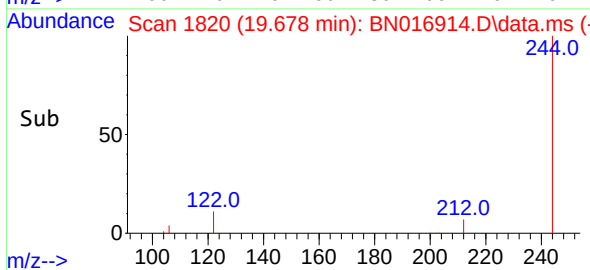
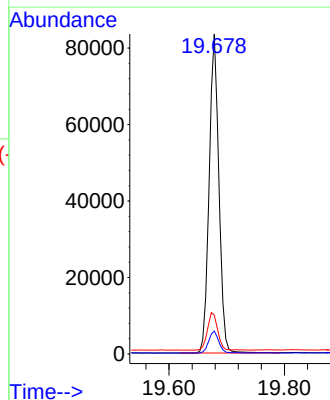
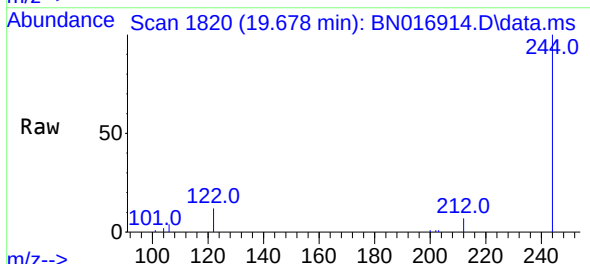
Instrument :
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ClientSampleId :
P287-DITCH

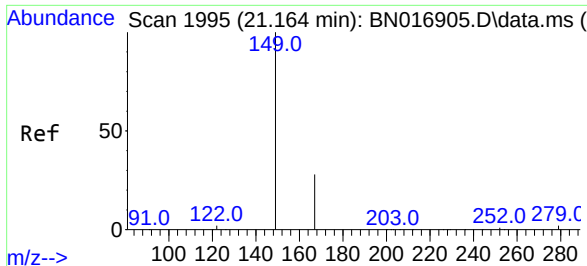
Tgt Ion:240 Resp: 100181
Ion Ratio Lower Upper
240 100
120 8.3 8.6 12.8#
236 26.1 21.0 31.4



#31
Terphenyl-d14
Concen: 0.44 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Tgt Ion:244 Resp: 97433
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 12.1 9.8 14.6

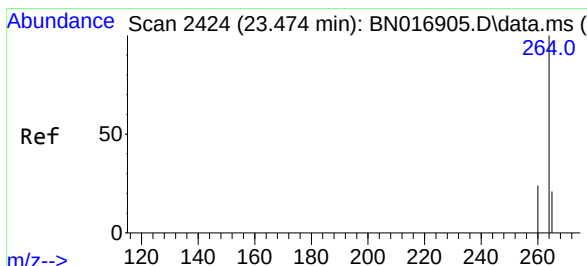
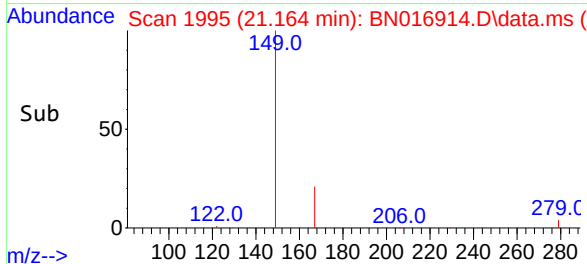
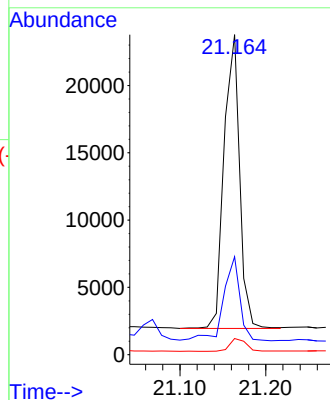
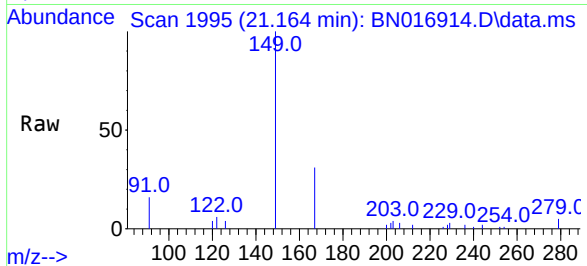




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.33 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Instrument :
BNA_N
ClientSampleId :
P287-DITCH

Tgt Ion:149 Resp: 27504
Ion Ratio Lower Upper
149 100
167 29.8 22.1 33.1
279 4.6 3.4 5.0



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.467 min Scan# 2422
Delta R.T. -0.007 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Tgt Ion:264 Resp: 105873
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 23.5 18.6 27.8

