

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
 Data File : BN034160.D
 Acq On : 23 Sep 2024 11:18
 Operator : JU/RC
 Sample : P4003-10DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20240912DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 23 11:43:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5699	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	15553	0.400	ng	#-0.02
13) Acenaphthene-d10	14.073	164	9603	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	20065	0.400	ng	0.00
29) Chrysene-d12	21.044	240	12926	0.400	ng	#-0.01
35) Perylene-d12	23.168	264	10433	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	419	0.026	ng	-0.01
5) Phenol-d6	6.629	99	338	0.018	ng	0.00
8) Nitrobenzene-d5	8.579	82	699	0.059	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	1621	0.071	ng	0.00
14) 2,4,6-Tribromophenol	15.580	330	212	0.049	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	2681m	0.069	ng	0.00
27) Fluoranthene-d10	18.871	212	4486	0.089	ng	-0.02
31) Terphenyl-d14	19.494	244	2734	0.106	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	12365	1.735	ng	# 83
24) Pentachlorophenol	16.498	266	104	0.025	ng	92

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

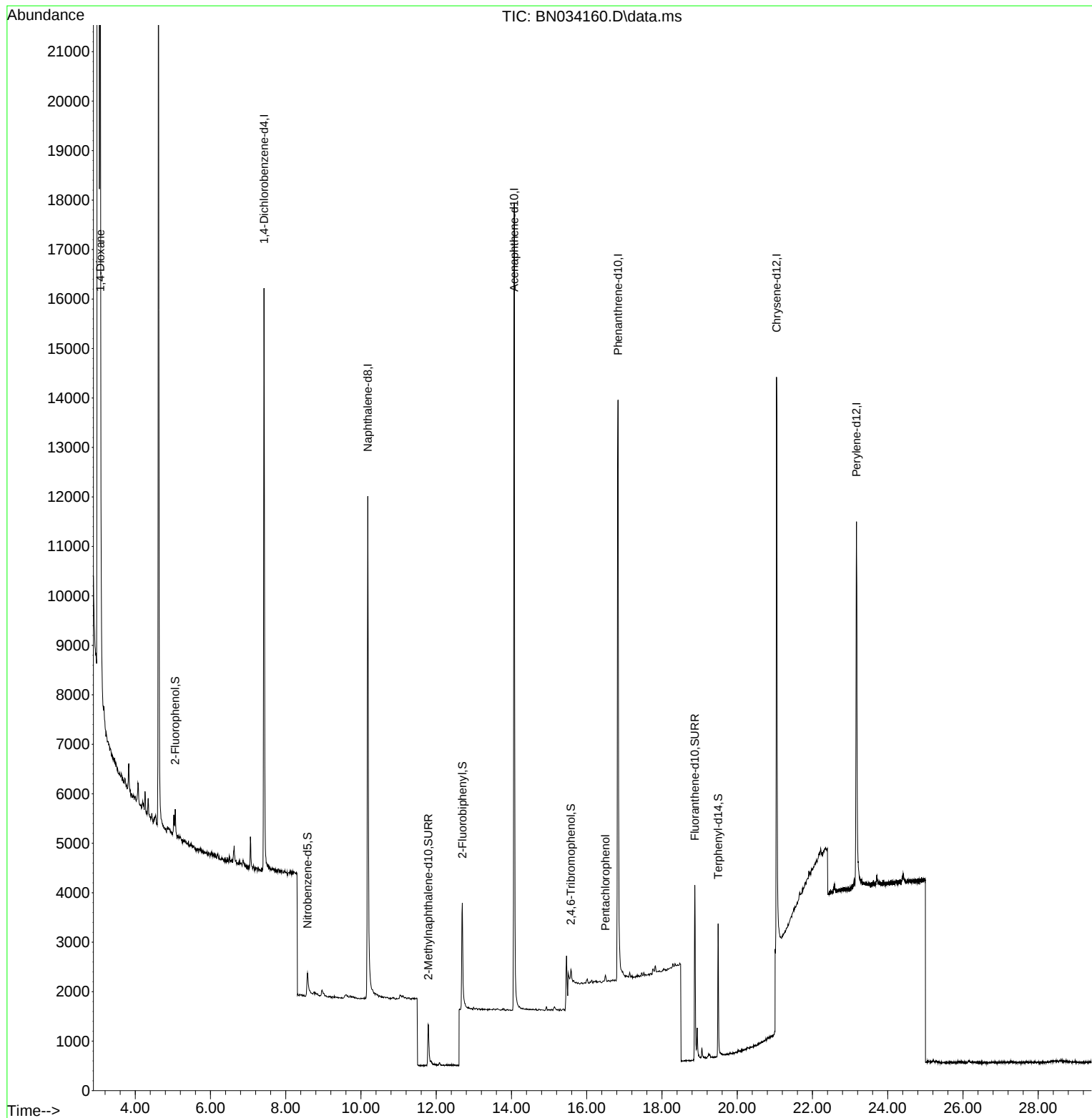
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
Data File : BN034160.D
Acq On : 23 Sep 2024 11:18
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 23 11:43:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
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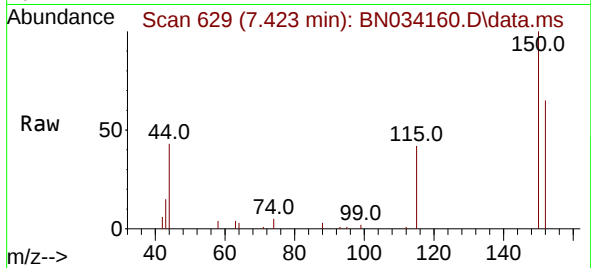
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.423 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN034160.D
 Acq: 23 Sep 2024 11:18

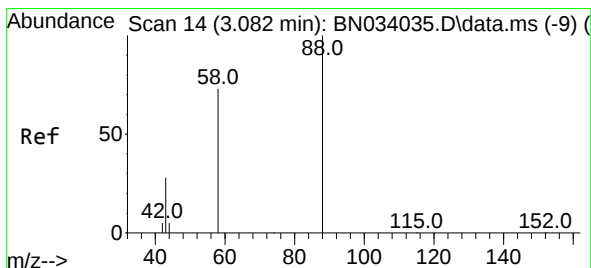
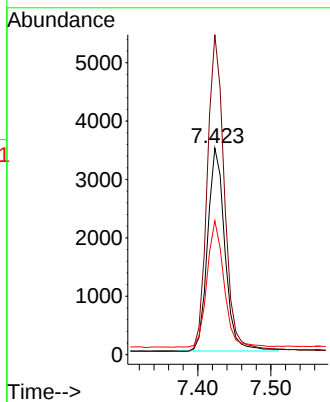
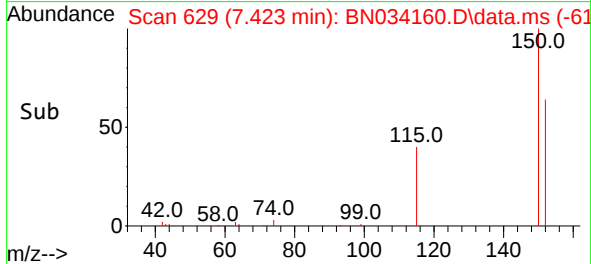
Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20240912DL



Tgt Ion:152 Resp: 5699
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 187.0
 115 64.8 50.0 75.0

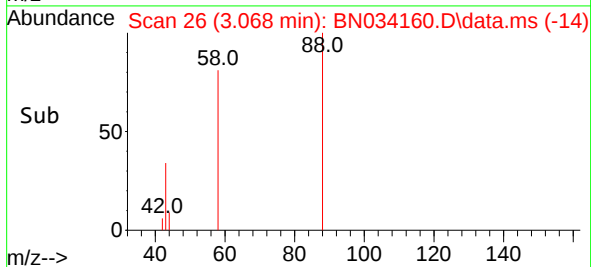
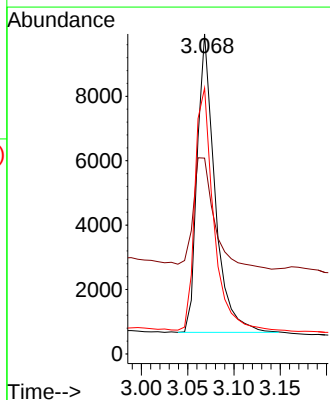
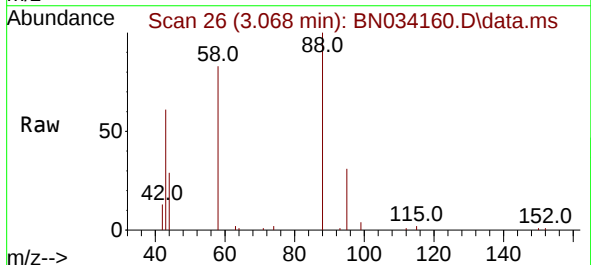
Manual Integrations
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 Supervised By :mohammad ahmed 09/25/2024



#2
 1,4-Dioxane
 Concen: 1.735 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034160.D
 Acq: 23 Sep 2024 11:18

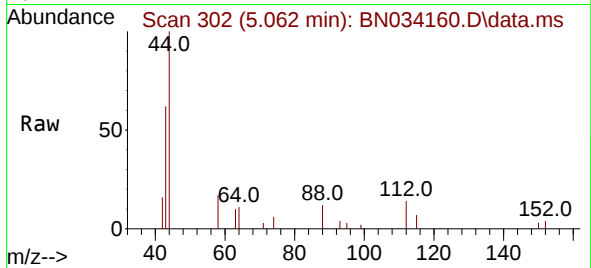
Tgt Ion: 88 Resp: 12365
 Ion Ratio Lower Upper
 88 100
 43 44.7 25.8 38.8#
 58 85.6 58.8 88.2





#4
2-Fluorophenol
Concen: 0.026 ng
RT: 5.062 min Scan# 302
Delta R.T. -0.013 min
Lab File: BN034160.D
Acq: 23 Sep 2024 11:18

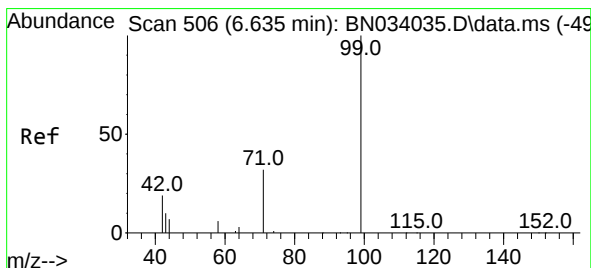
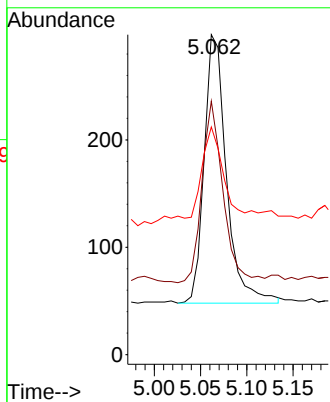
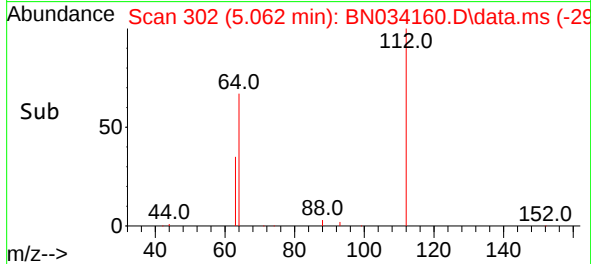
Instrument :
BNA_N
ClientSampleId :
RE120D3-20240912DL



Tgt Ion: 112 Resp: 419
Ion Ratio Lower Upper
112 100
64 64.0 48.6 72.8
63 48.2 25.6 38.4

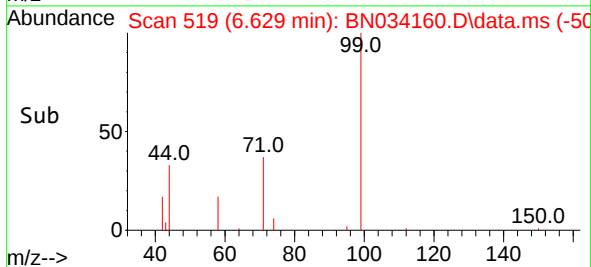
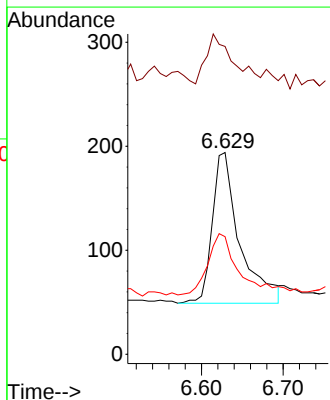
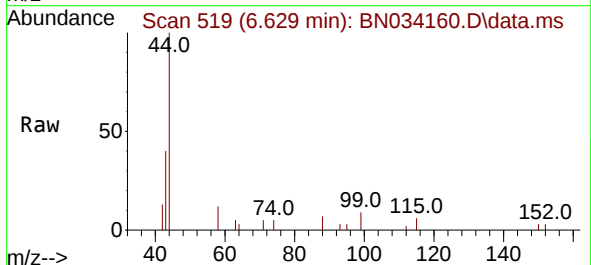
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Supervised By :mohammad ahmed 09/25/2024



#5
Phenol-d6
Concen: 0.018 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034160.D
Acq: 23 Sep 2024 11:18

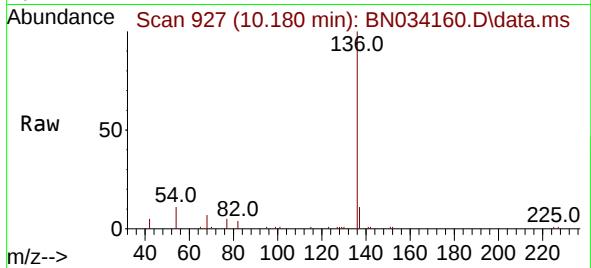
Tgt Ion: 99 Resp: 338
Ion Ratio Lower Upper
99 100
42 32.2 17.8 26.8#
71 44.1 26.2 39.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034160.D
Acq: 23 Sep 2024 11:18

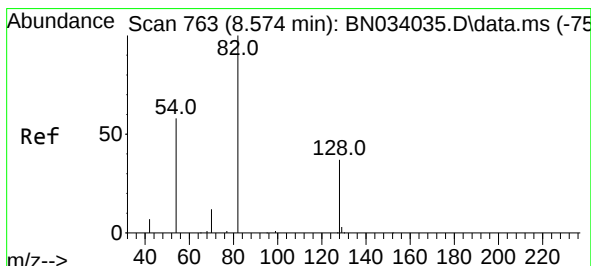
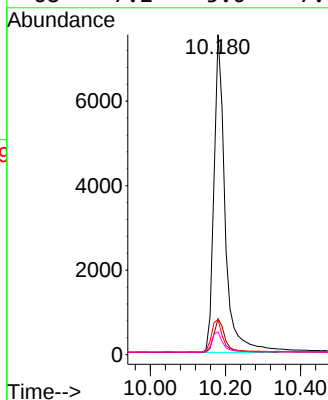
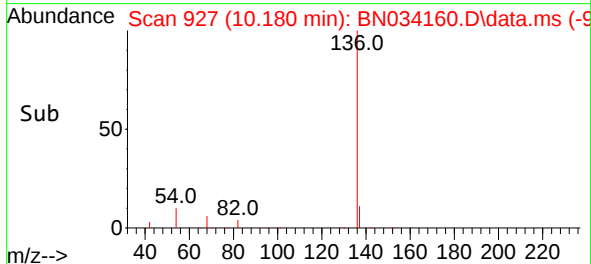
Instrument :
BNA_N
ClientSampleId :
RE120D3-20240912DL



Tgt Ion:136 Resp: 1555
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 11.0 6.8 10.2
68 7.2 5.0 7.6

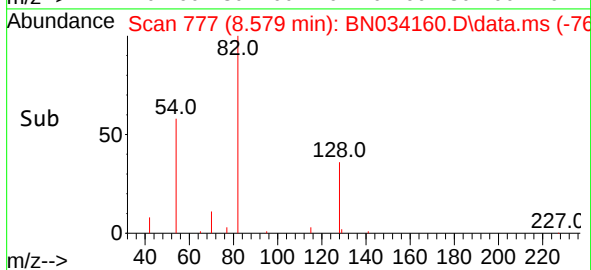
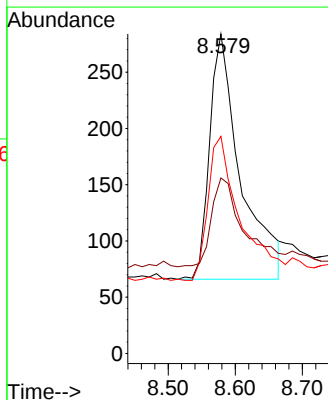
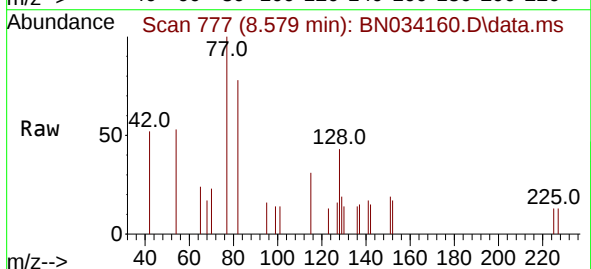
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#8
Nitrobenzene-d5
Concen: 0.059 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034160.D
Acq: 23 Sep 2024 11:18

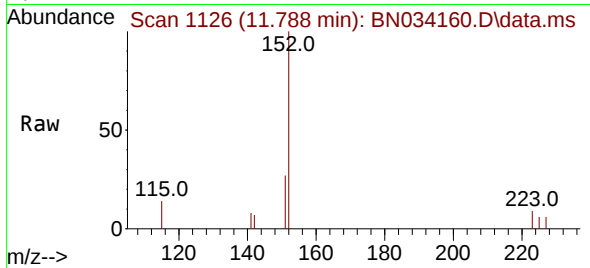
Tgt Ion: 82 Resp: 699
Ion Ratio Lower Upper
82 100
128 54.9 31.4 47.2#
54 68.0 47.4 71.0





#11
2-Methylnaphthalene-d10
Concen: 0.071 ng
RT: 11.788 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034160.D
Acq: 23 Sep 2024 11:18

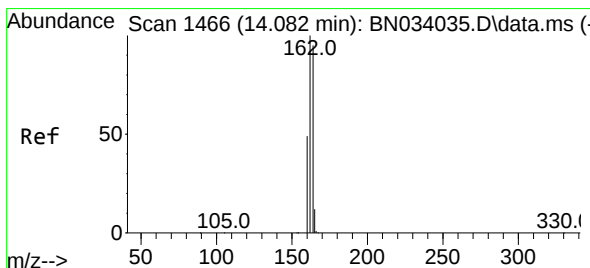
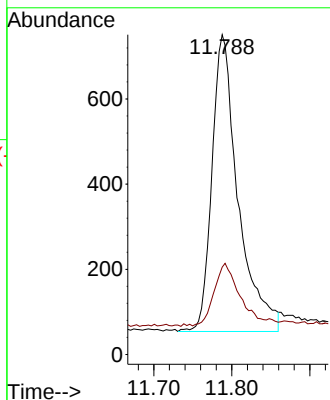
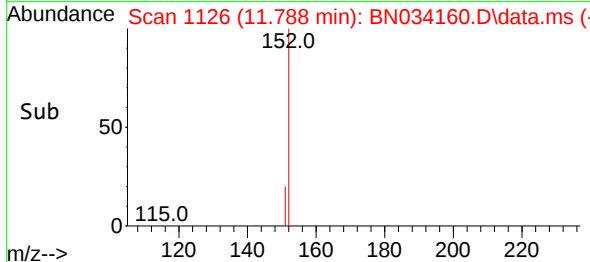
Instrument :
BNA_N
ClientSampleId :
RE120D3-20240912DL



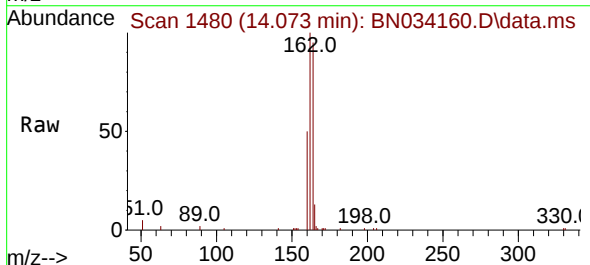
Tgt Ion:152 Resp: 162
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2

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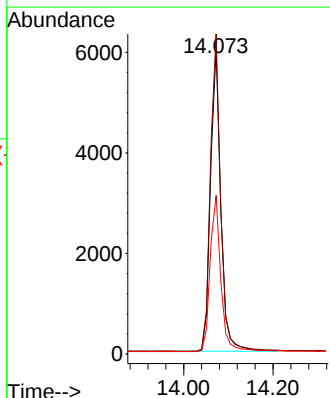
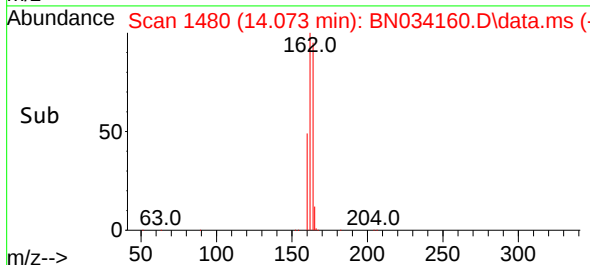
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.073 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034160.D
Acq: 23 Sep 2024 11:18



Tgt Ion:164 Resp: 9603
Ion Ratio Lower Upper
164 100
162 105.0 84.2 126.2
160 52.0 41.7 62.5





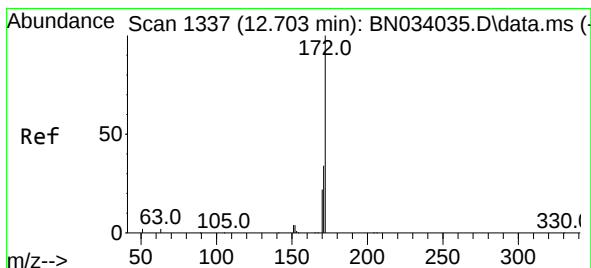
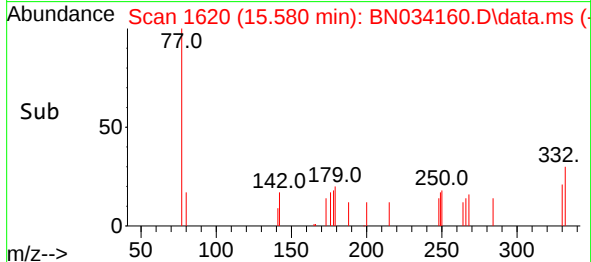
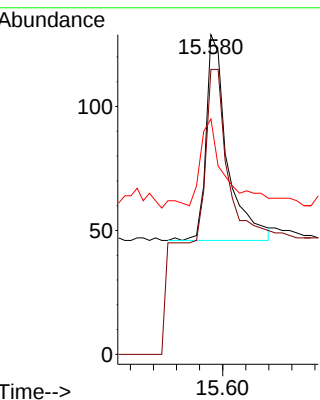
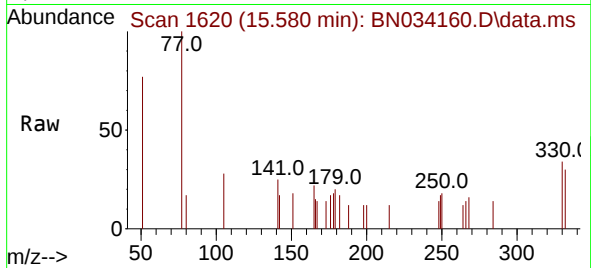
#14
2,4,6-Tribromophenol
Concen: 0.049 ng
RT: 15.580 min Scan# 110
Delta R.T. -0.009 min
Lab File: BN034160.D
Acq: 23 Sep 2024 11:18

Instrument :
BNA_N
ClientSampleId :
RE120D3-20240912DL

Tgt Ion:330 Resp: 211
Ion Ratio Lower Upper
330 100
332 87.3 77.4 116.0
141 46.7 35.9 53.9

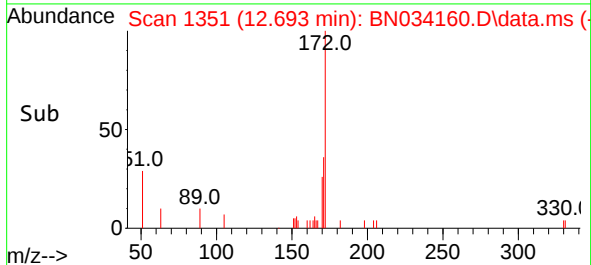
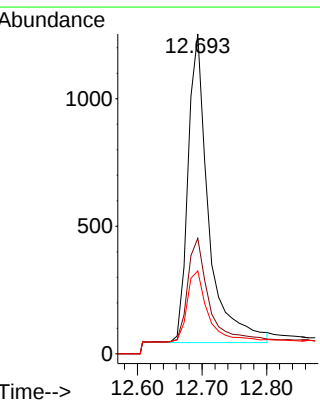
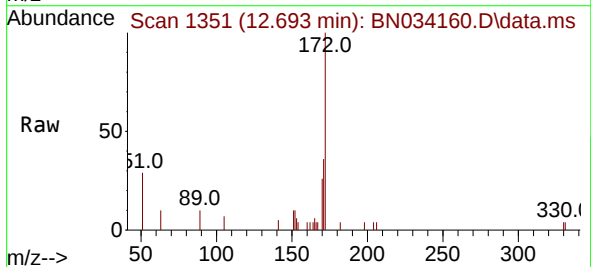
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#15
2-Fluorobiphenyl
Concen: 0.069 ng m
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034160.D
Acq: 23 Sep 2024 11:18

Tgt Ion:172 Resp: 2681
Ion Ratio Lower Upper
172 100
171 36.1 27.3 40.9
170 25.9 18.1 27.1





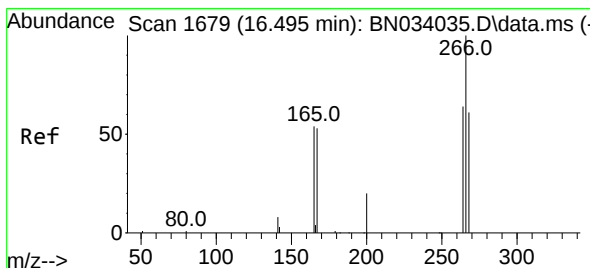
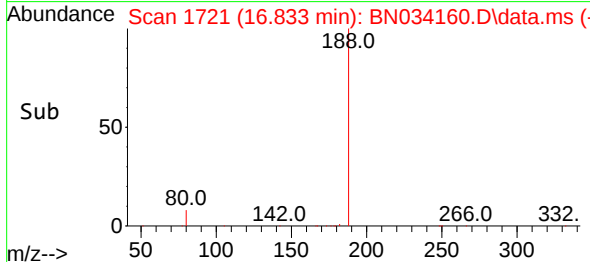
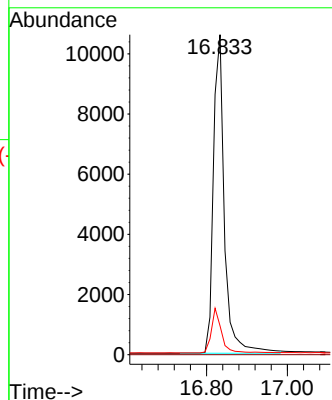
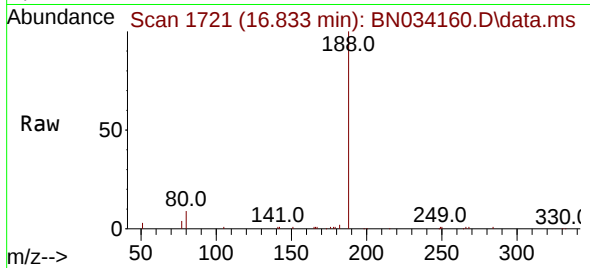
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Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034160.D
Acq: 23 Sep 2024 11:18

Instrument :
BNA_N
ClientSampleId :
RE120D3-20240912DL

Tgt Ion:188 Resp: 2006
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.4 11.0

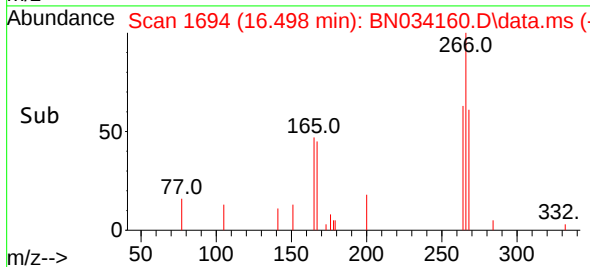
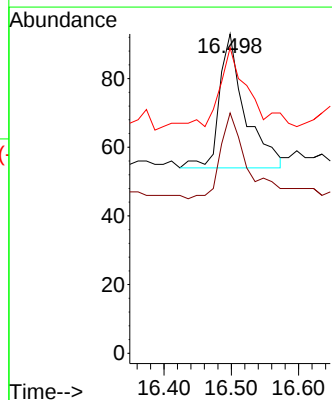
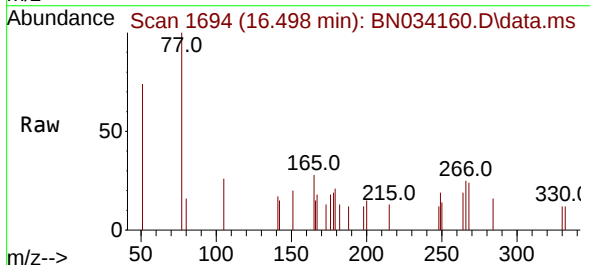
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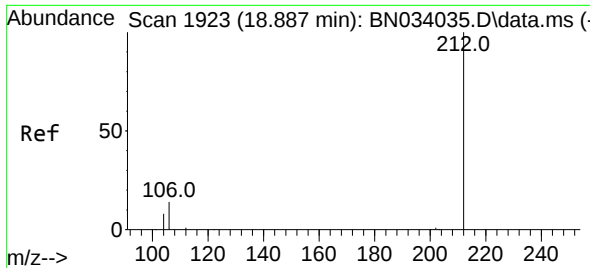
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#24
Pentachlorophenol
Concen: 0.025 ng
RT: 16.498 min Scan# 1694
Delta R.T. 0.003 min
Lab File: BN034160.D
Acq: 23 Sep 2024 11:18

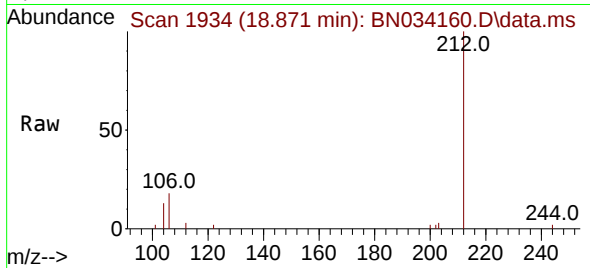
Tgt Ion:266 Resp: 104
Ion Ratio Lower Upper
266 100
264 66.3 50.2 75.2
268 54.8 51.0 76.4





#27
Fluoranthene-d10
Concen: 0.089 ng
RT: 18.871 min Scan# 1934
Delta R.T. -0.015 min
Lab File: BN034160.D
Acq: 23 Sep 2024 11:18

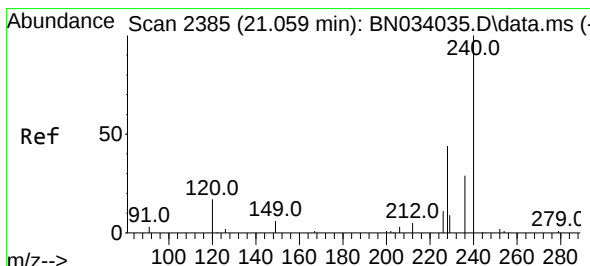
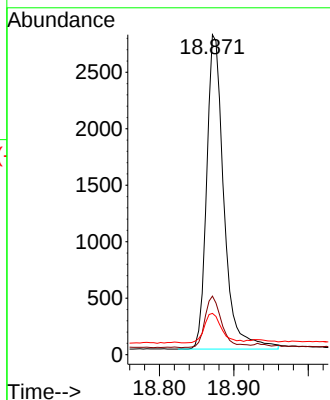
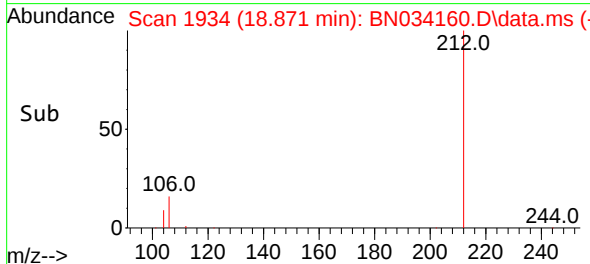
Instrument :
BNA_N
ClientSampleId :
RE120D3-20240912DL



Tgt Ion:212 Resp: 4480
Ion Ratio Lower Upper
212 100
106 16.1 13.4 20.2
104 9.4 7.8 11.6

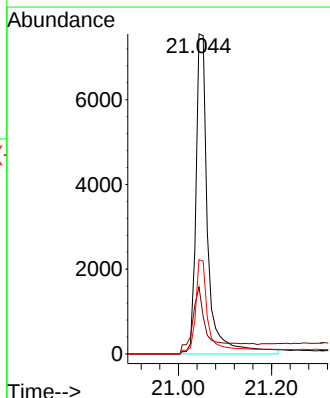
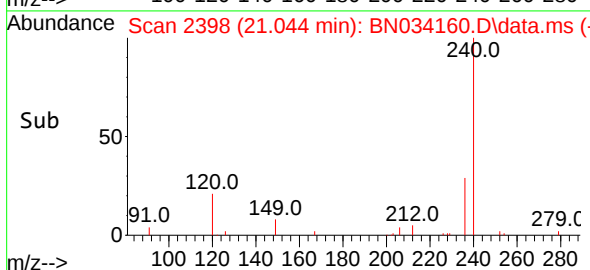
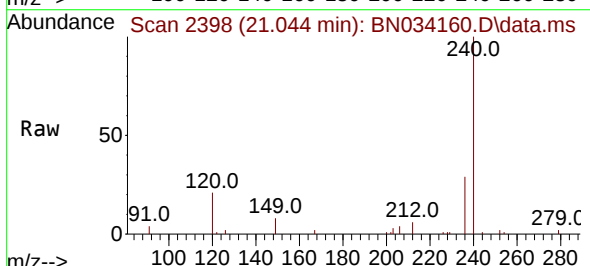
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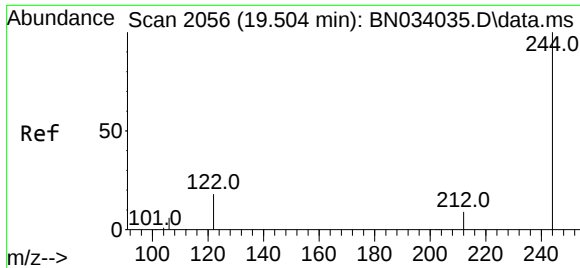
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.044 min Scan# 2398
Delta R.T. -0.015 min
Lab File: BN034160.D
Acq: 23 Sep 2024 11:18

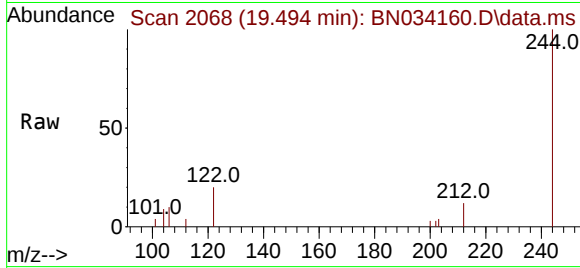
Tgt Ion:240 Resp: 12926
Ion Ratio Lower Upper
240 100
120 20.9 13.5 20.3#
236 29.4 23.4 35.0





#31
Terphenyl-d14
Concen: 0.106 ng
RT: 19.494 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BN034160.D
Acq: 23 Sep 2024 11:18

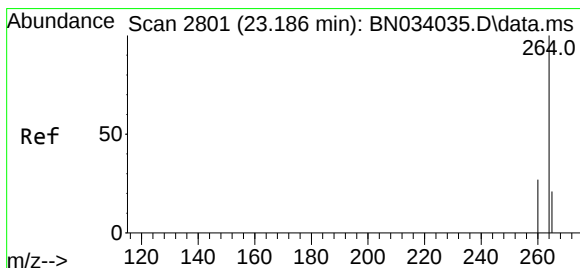
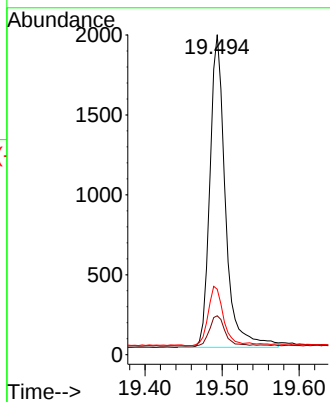
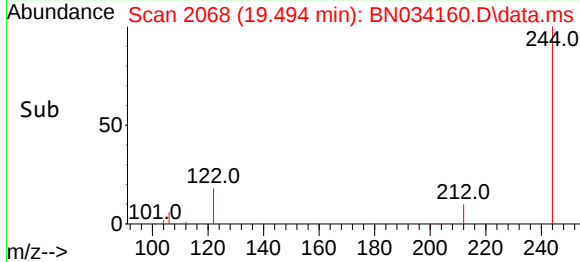
Instrument :
BNA_N
ClientSampleId :
RE120D3-20240912DL



Tgt Ion:244 Resp: 2734
Ion Ratio Lower Upper
244 100
212 12.1 7.8 11.6
122 20.4 14.8 22.2

Manual Integrations
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Supervised By :mohammad ahmed 09/25/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.168 min Scan# 2811
Delta R.T. -0.017 min
Lab File: BN034160.D
Acq: 23 Sep 2024 11:18

Tgt Ion:264 Resp: 10433
Ion Ratio Lower Upper
264 100
260 26.3 21.7 32.5
265 70.0 52.1 78.1

