Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047295.D
Acq On : 21 Aug 2024 13:07
Operator : RC/JU
Sample : P3617-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16

Quant Time: Aug 21 13:48:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	184312	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	689185	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	448409	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1000271	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1043174	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1051801	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1123836	108.952	ng	-0.01
7) Phenol-d6	6.569	99	1474623	103.751	ng	-0.02
23) Nitrobenzene-d5	8.498	82	973494	71.125	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	651936	125.387	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	2052614	70.610	ng	-0.02
79) Terphenyl-d14	19.445	244	3137401	64.445	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.528	77	1160	Below Cal	#	82

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

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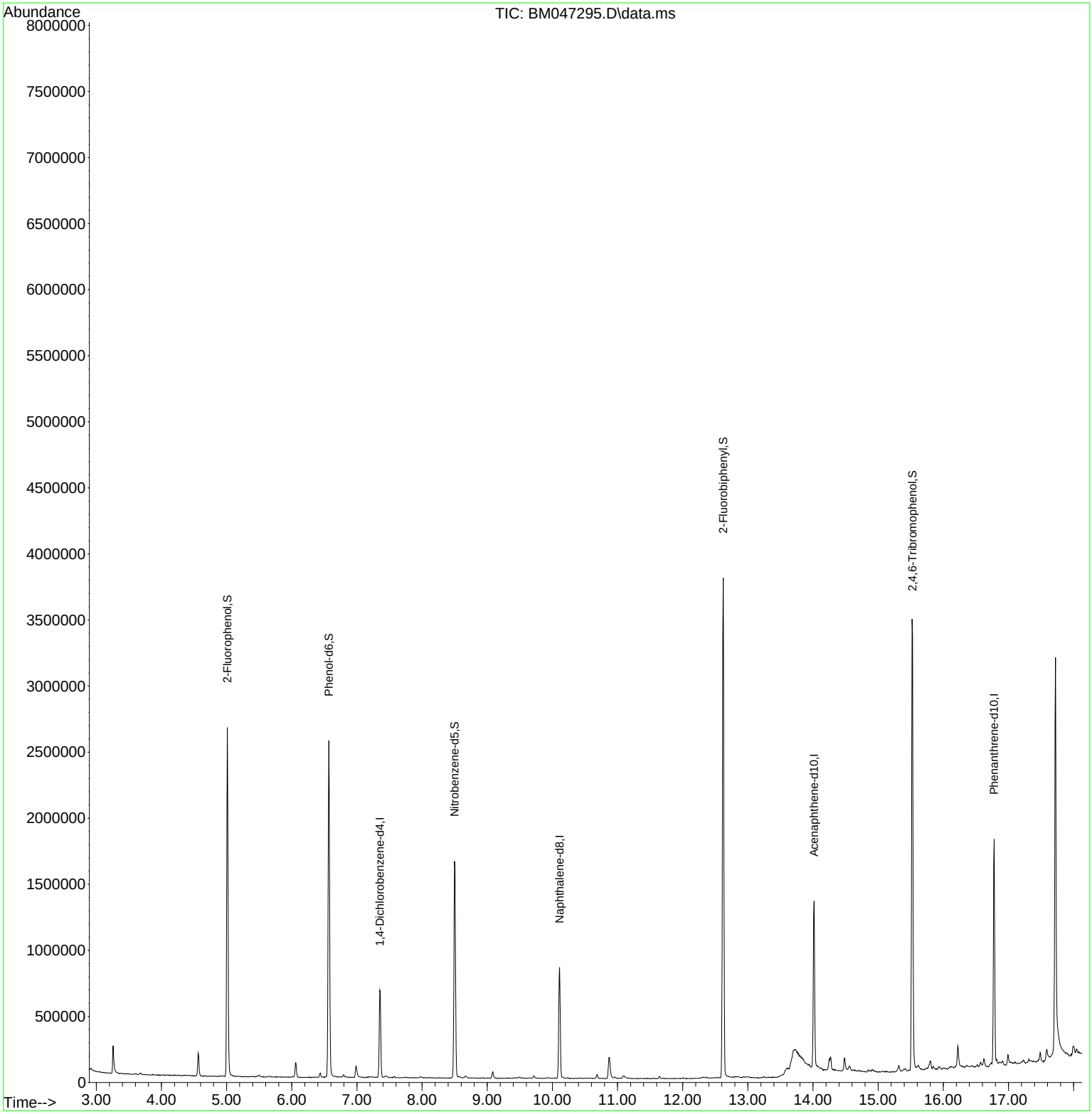

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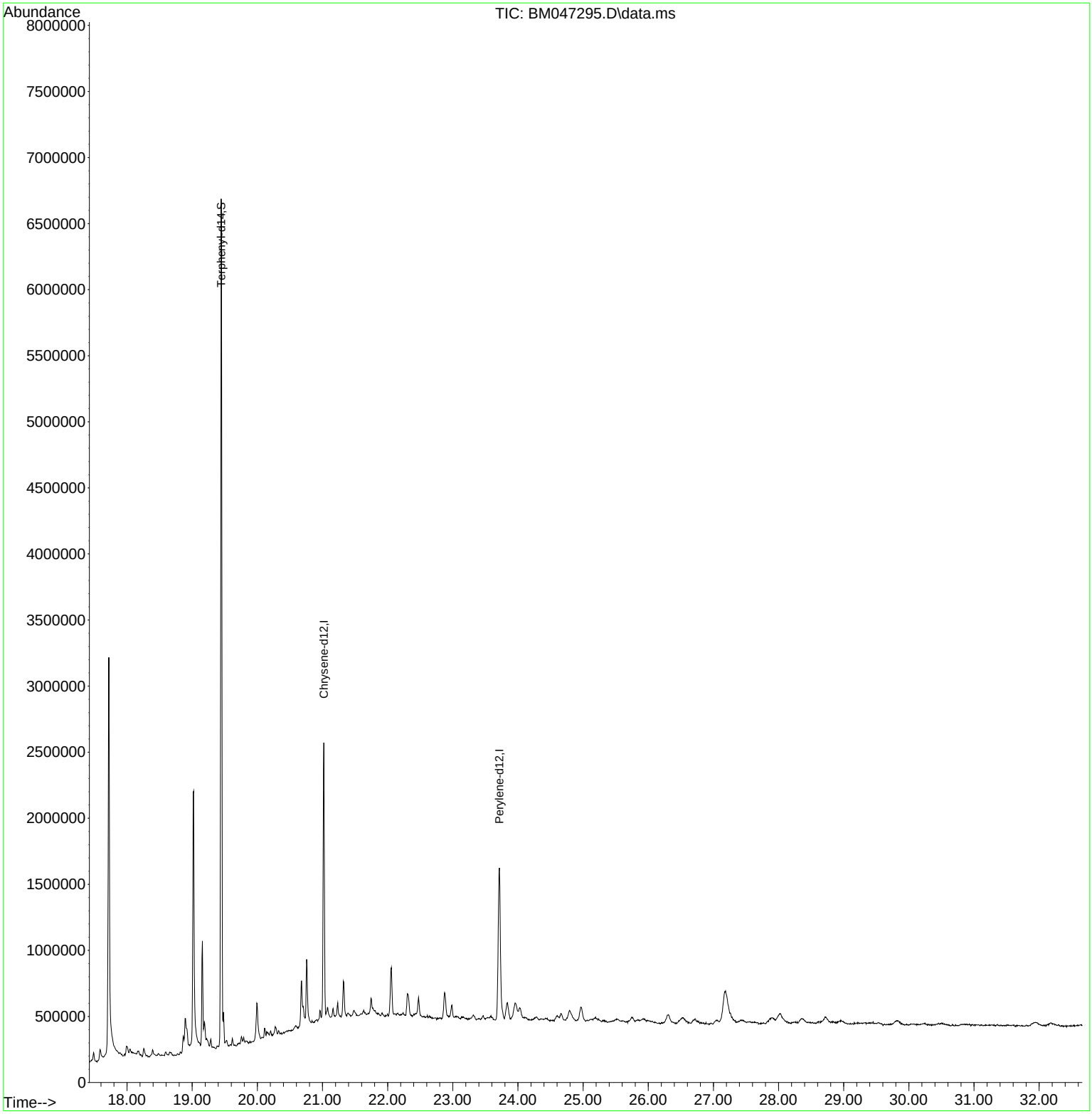
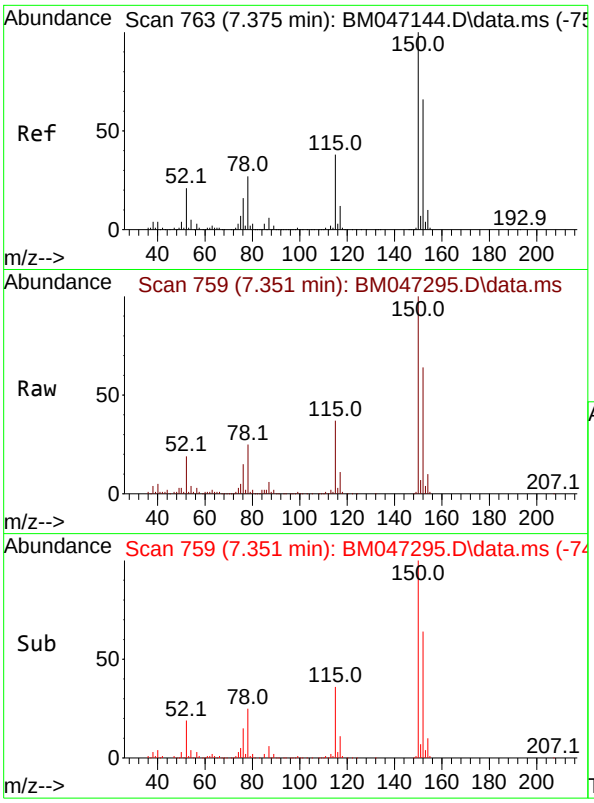


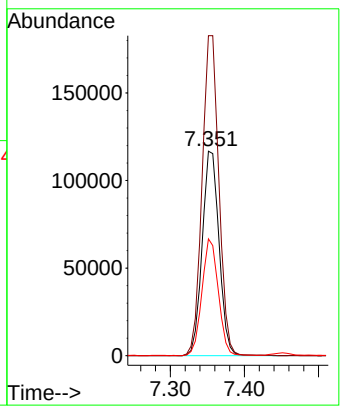


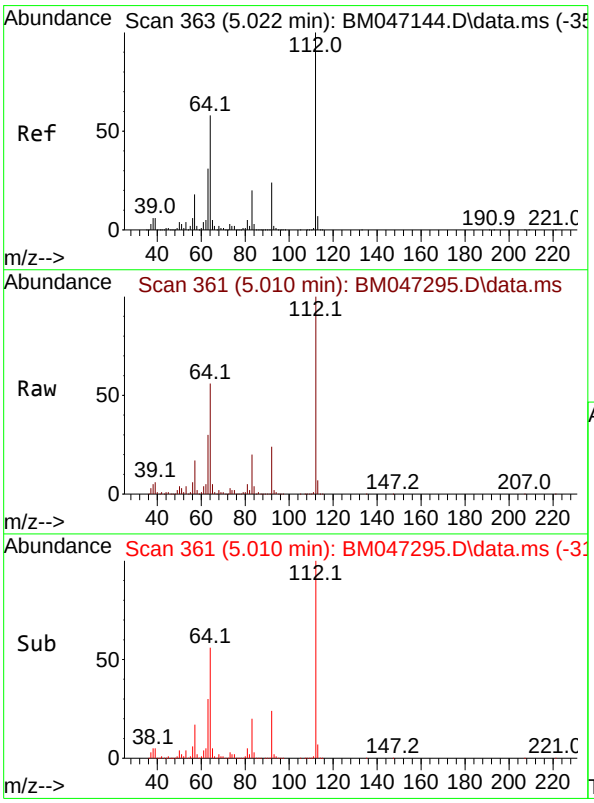
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 7
Delta R.T. -0.024 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16

Tgt Ion:152 Resp: 184312

Ion	Ratio	Lower	Upper
152	100		
150	156.5	120.5	180.7
115	57.1	45.5	68.3

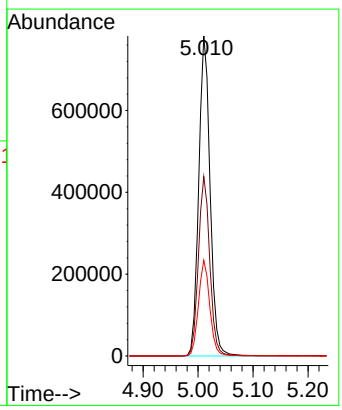


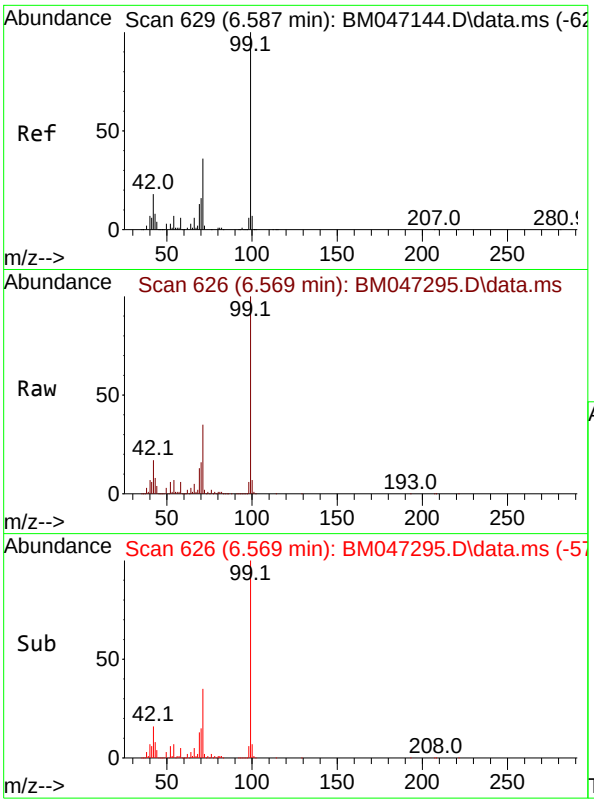


#5
2-Fluorophenol
Concen: 108.952 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Tgt Ion:112 Resp: 1123836

Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.7	70.1
63	29.9	24.8	37.2



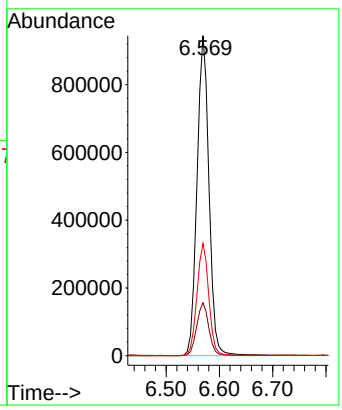


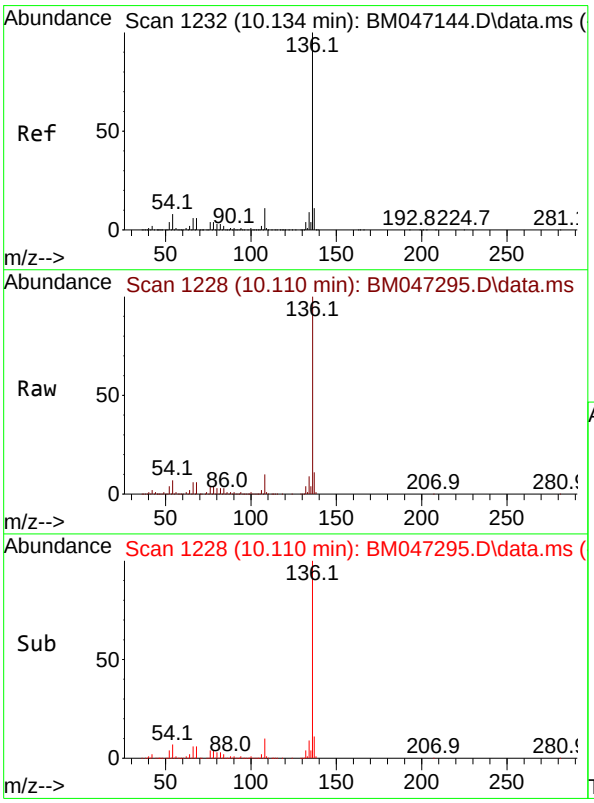
#7
Phenol-d6
Concen: 103.751 ng
RT: 6.569 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16

Tgt Ion: 99 Resp: 1474623

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.1	21.1
71	35.0	28.5	42.7

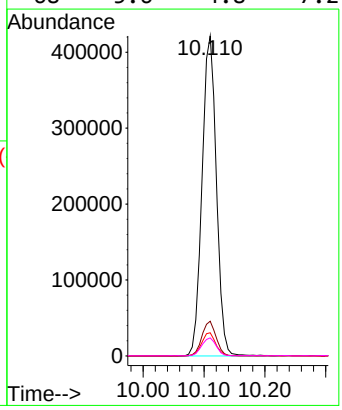


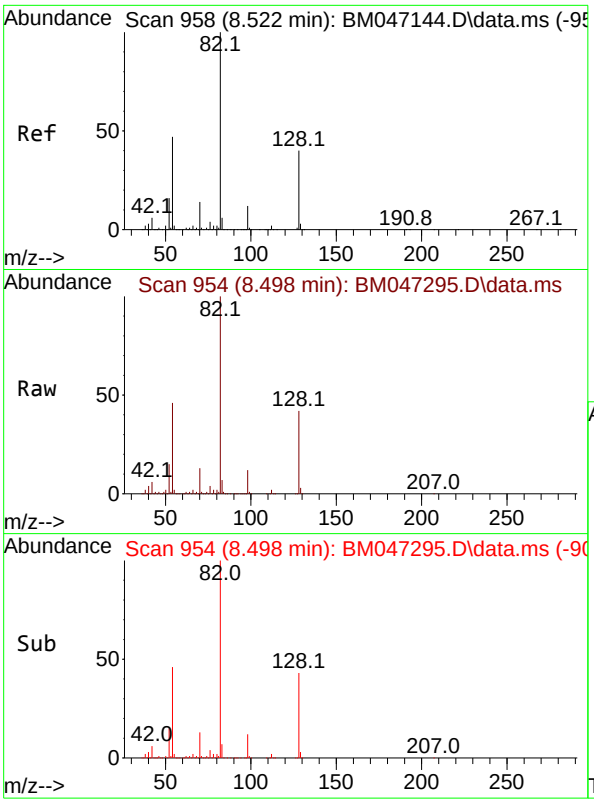


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 1228
Delta R.T. -0.024 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Tgt Ion:136 Resp: 689185

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.3	6.0	9.0
68	5.6	4.8	7.2



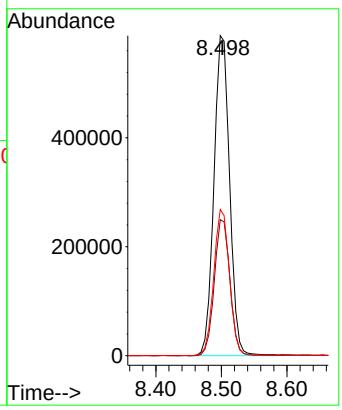


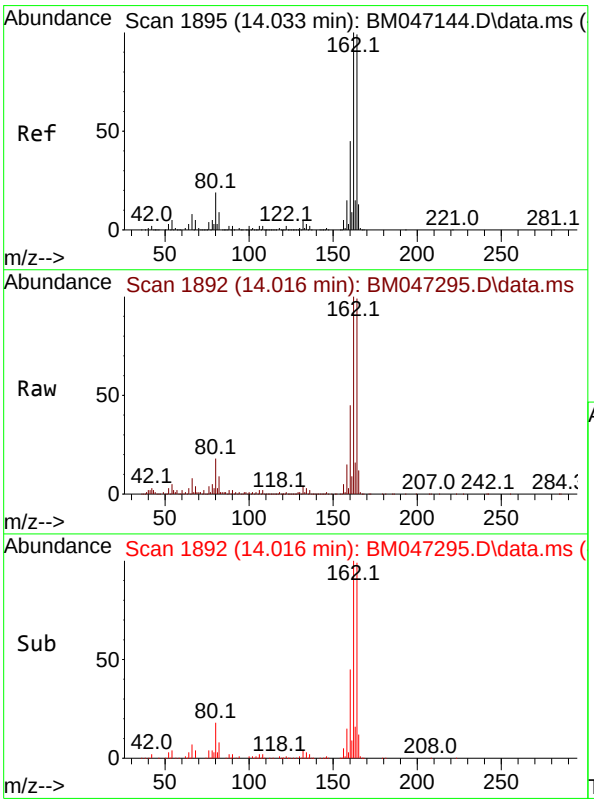
#23
Nitrobenzene-d5
Concen: 71.125 ng
RT: 8.498 min Scan# 9
Delta R.T. -0.024 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16

Tgt Ion: 82 Resp: 973494

Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.3	48.5
54	45.7	37.4	56.2

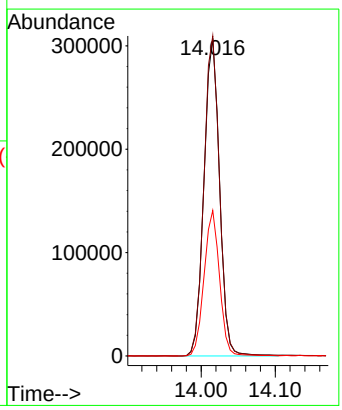


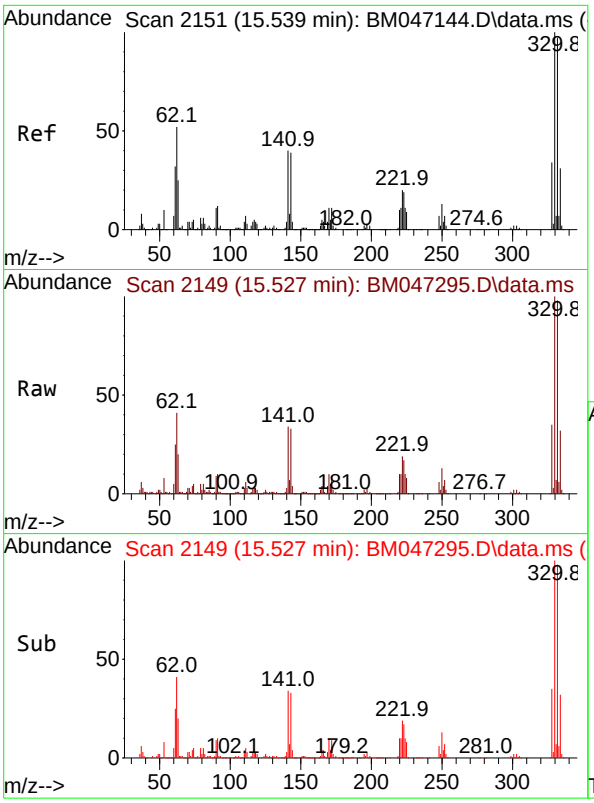


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Tgt Ion:164 Resp: 448409

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.7	121.1
160	45.8	36.0	54.0



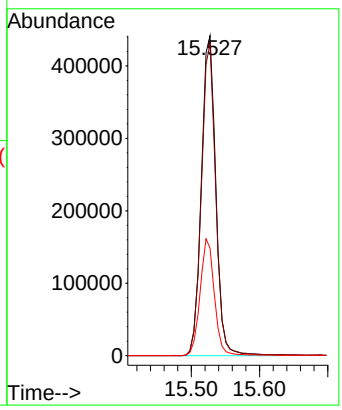


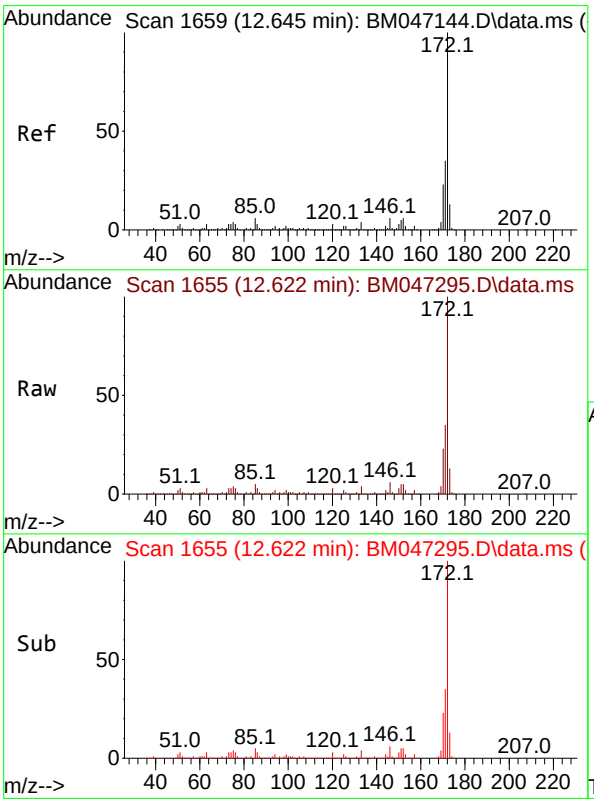
#42
2,4,6-Tribromophenol
Concen: 125.387 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16

Tgt Ion:330 Resp: 651936

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	36.1	31.6	47.4

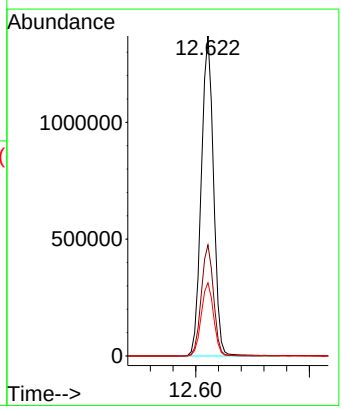


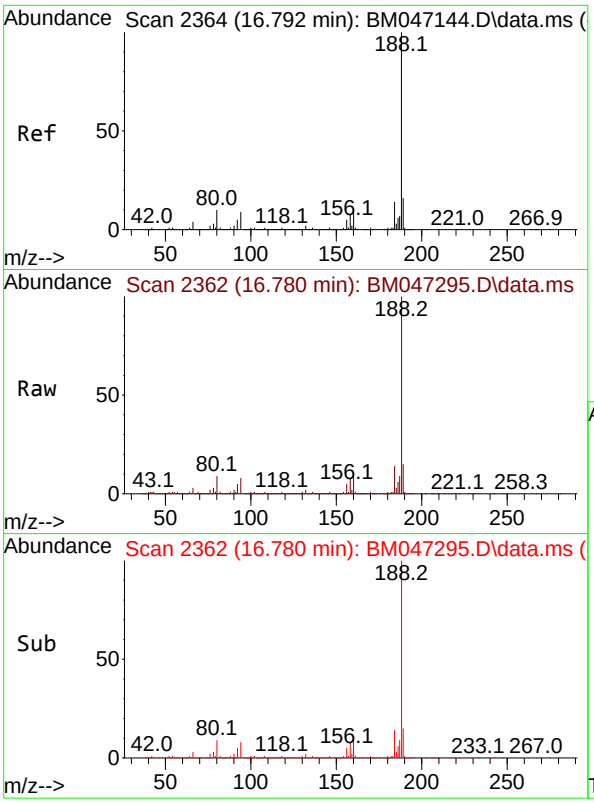


#45
2-Fluorobiphenyl
Concen: 70.610 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.023 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Tgt Ion:172 Resp: 2052614

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	22.9	18.7	28.1



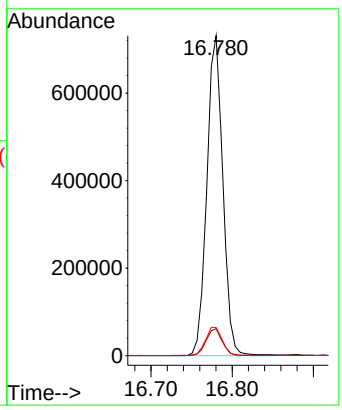


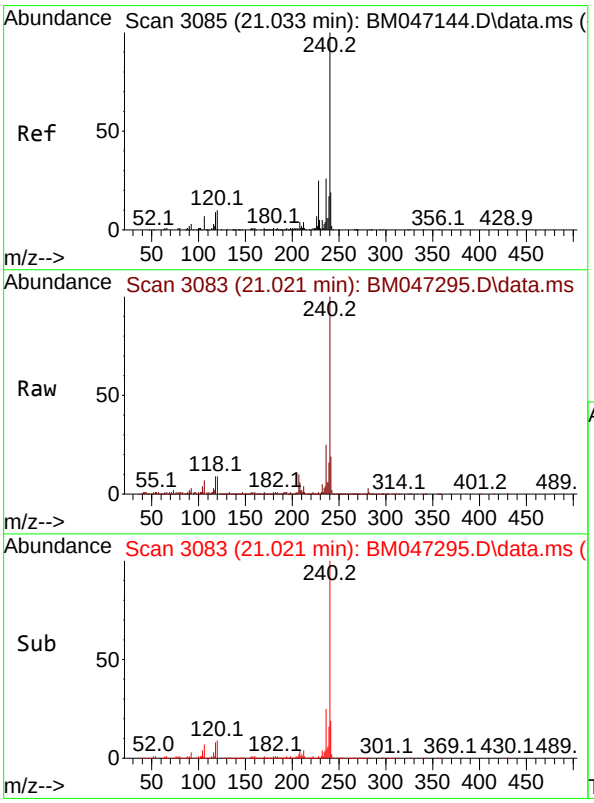
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16

Tgt Ion:188 Resp: 1000271

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	8.8	8.0	12.0

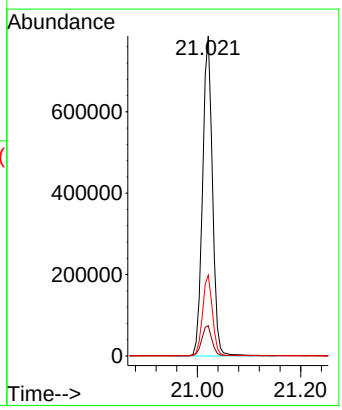


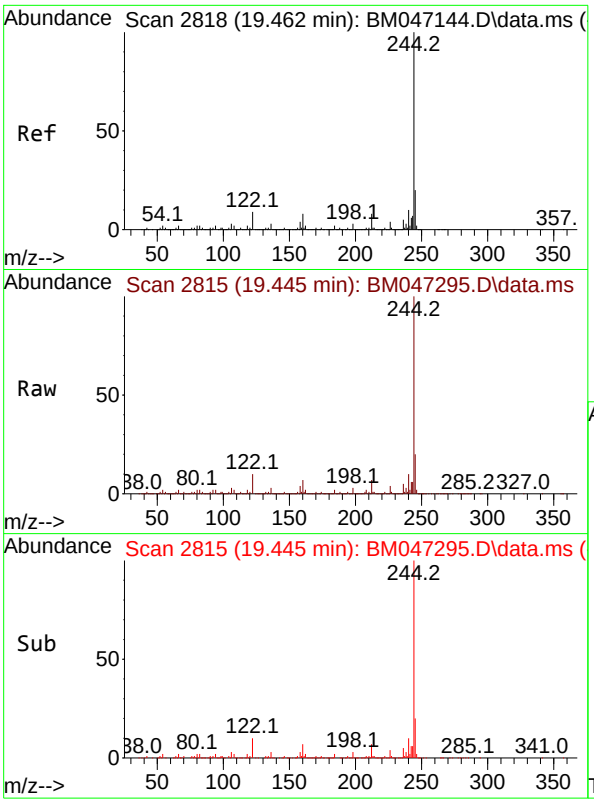


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Tgt Ion:240 Resp: 1043174

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	25.3	20.6	30.8



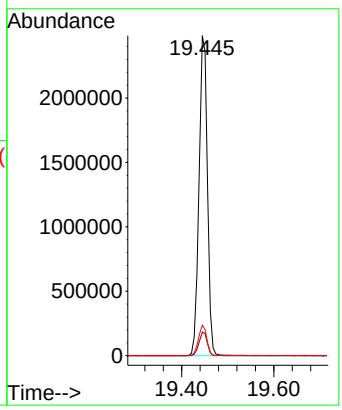


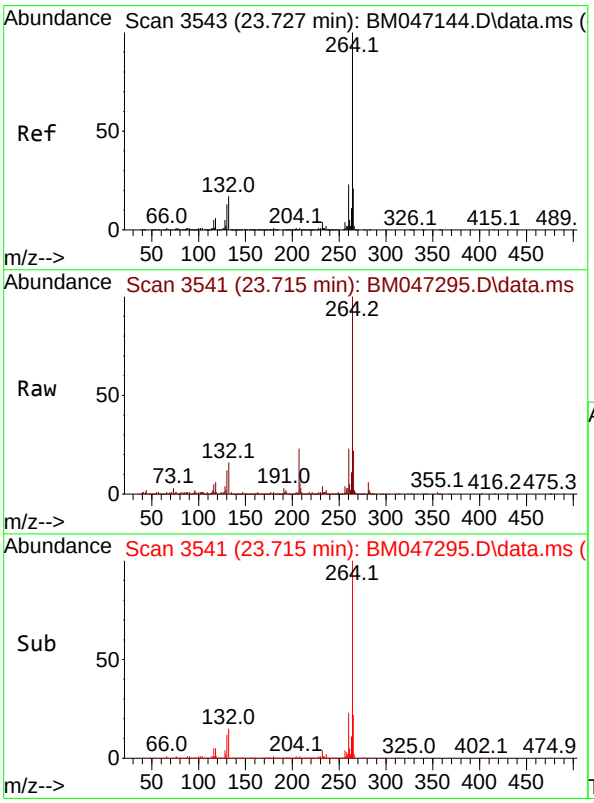
#79
Terphenyl-d14
Concen: 64.445 ng
RT: 19.445 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16

Tgt Ion:244 Resp: 3137401

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.4
122	9.5	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3541
Delta R.T. -0.012 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Tgt Ion:264 Resp: 1051801

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.2	17.3	25.9